SAMSUNG

8mm CAMCORDER

SCL600/610/630/650
VP-L650

Hi8

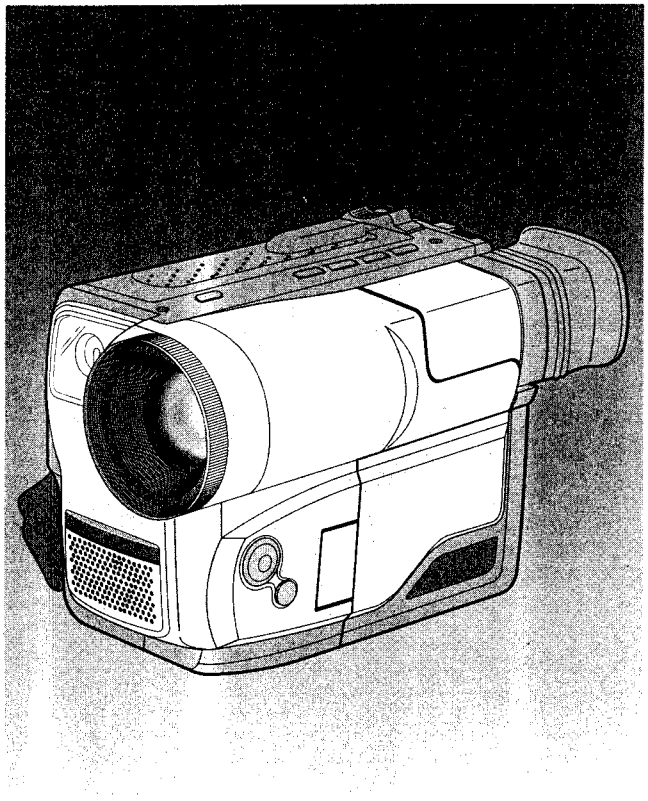
VP-L600/L600B/L610
VP-L610B/L610D/L630

8mm

SERVICE Manual

For mechanical disassembly and adjustment, refer to the "Mechanical Manual" (DE-6 ⟶ AD68-30200A).

8mm CAMCORDER



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UPDATE LOG SHEET

Application Data	Page	Part #	Note(Cause & Solution)	S/Bulletin #

Use this page to keep any special servicing information. (Service Bulletin, etc.)
If only parts number changes, Just change parts number directly on parts list.
And if you need more information, please see the service bulletin

1. Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including :
control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people--particularly children --might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (See Fig. 1) :
   Warning : Do not use an isolation transformer during this test. Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

5. With the unit completely reassembled, plug the AC line cord directly the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including : antennas, handle, brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

6. X-ray Limits :
   The picture tube is designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original.

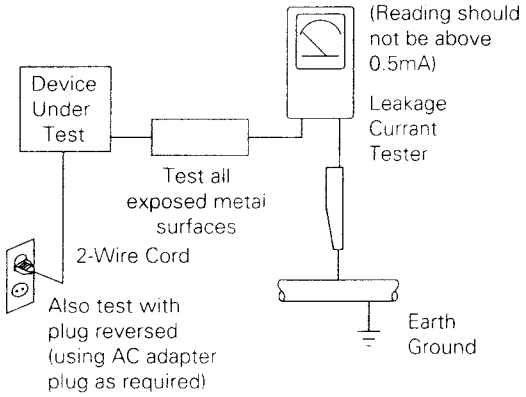

(Reading should not be above 0.5mA)
Device Under Test
Leakage Currant Tester
Test all exposed metal surfaces
2-Wire Cord
Also test with plug reversed (using AC adapter plug as required)
Earth Ground

Fig. 1 AC Leakage Test

7. Antenna Cold Check :
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong.
   Connect the other lead to the coaxial connector.

8. High Voltage Limit :
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits.

   Heed the high voltage limits. These include the *X-ray protection Specifications Label, and the Product Safety and X-ray Warning Note* on the service data schematic.

9. Some semiconductor ("solid state") devices are easily damaged by static electricity.
   Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors.
   The following techniques will reduce the occurrence of component damage caused by static electricity.

10. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging Wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)

11. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

12. Design Alteration Warning :
    Never alter or add to the mechanical or electrical design of this unit. Example : Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

13. Hot Chassis Warning :
    Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following : Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

14. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, *regardless of the AC plug polarity*. These units can be safely serviced *only* if an isolation transformer inserted between the receiver and the power source.

15. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

16. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

17. Observe the original lead dress, especially near the following areas : Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

18. Picture Tube Implosion Warning :
    The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

19. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

20. Product Safety Notice :
    Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, (or).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

2. Product Specifications and Comparison Chart

2-1 NTSC Models (SCL600/SCL610/SCL630/SCL650)

Operation	Description
Power supply (rated)	7.2V DC
Power consumption	3.3 W
Television System	EIA standard (525 lines, 60 fields) NTSC color signal
Video recording system	2 rotary heads, helical scanning system; luminance signal: FM azimuth recording; chrominance signal: converted subcarrier phase shift recording (8mm video standard)
Audio recording system	Frequency multiplexing with the video signal (1 channel)
Image sensor	1/4-inch CCD (charge-coupled device) 270,000 pixels (250,000 effective pixels)
Tape format	Hi8 video cassette
Tape speed	14.345 mm/s
Maximum recording time	2 hours (with a P6-120 cassette)
Fast forward/rewind time	Approx. 6.5 minutes (with a P6-120 cassette)
Lens	f/1.6–3. 8 22X power zoom, 3.6–79.2 mm
Focusing system	TTL autofocus, manual focus possible
Minimum focusing distance	1 cm (3/8 in) on a maximum wide angle
Maximum shutter speed	1/10,000 sec
Recommended illumination	More than 100 lx
Filter diameter	46 mm
Electronic viewfinder	SCL600/610/630 : 0.24 inch B&W LCD, 76,800 pixel SCL650 : 0.44 inch color LCD, 113,000 pixel
Microphone	Non-directional electret condenser microphone
Output level	1 Vp-p/75 ohms unbalanced Audio terminal: –10 dBV, less than 820 ohms, unbalanced
Operating temperature range	32°–104°F (0°–40°C)
Dimensions	3.97 x 4.09 x 6.85 in (101 x 104 x 174 mm)
Weight	650g,
Video light	Central luminosity : Approx. 12 lx at 6 ft 6 in (2cm) Color temperature : Approx. 2,900K

✣ The technical specifications and design may be changed without notice.

2-2 PAL Models (VP-L600/L600B/L610/L610B/L610D/L630/L650)

Operation	Description
Power supply (rated)	7.2V DC
Power consumption	3.3 W
Television System	CCIR standard (525 lines, 60 fields) PAL color signal
Video recording system	2 rotary heads, helical scanning system; luminance signal: FM azimuth recording; chrominance signal: converted subcarrier phase shift recording (8mm video standard)
Audio recording system	Frequency multiplexing with the video signal (1 channel)
Image sensor	1/4-inch CCD (charge-coupled device) 320,000 pixels (280,000 effective pixels) With image stabilizer on VP-W63: 200,000 pixels
Tape format	8mm or Hi8 video cassette
Tape speed	20.051 mm/s
Maximum recording time	2 hours (with a P6-120 cassette)
Fast forward/rewind time	Approx. 8 minutes (with a P5-120 cassette)
Lens	f/1.6–3. 8 22X power zoom, 3.6–79.2 mm
Focusing system	TTL autofocus, manual focus possible
Minimum focusing distance	1 cm (3/8 in) on a maximum wide angle
Maximum shutter speed	1/10,000 sec
Recommended illumination	More than 100 lx
Filter diameter	46 mm
Electronic viewfinder	0.24 inch B&W LCD, 76,800 pixel
Microphone	Non-directional electret condenser microphone
Output level	1 Vp-p/75 ohms unbalanced Audio terminal: –10 dBV, less than 820 ohms, unbalanced
Operating temperature range	32°–104°F (0°–40°C)
Dimensions	3.97 x 4.09 x 6.85 in (101 x 104 x 174 mm)
Weight	650g,
Video light	Central luminosity : Approx. 12 lx at 6 ft 6 in (2cm) Color temperature : Approx. 2,900K

✣ The technical specifications and design may be changed without notice.

2-3 Comparison Chart

2-3-1. NTSC Models

Model / Features	NTSC			
	SCL600	SCL610	SCL630	SCL650
Format	Hi8	Hi8	Hi8	Hi8
Video Light	O	O	O	O
Remote Control	O	X	X	O
Audio	Mono	Mono	Mono	Mono
DIS	X	X	O	O
SNAP/SHOT	X	X	O	O
EVF	O	O	O	X
CVF	X	X	X	O
CCD	270K	270K	270K	270K
Digital Zoom Ratio	500X	500X	500X	500X

2-3-2. PAL Models

Model / Features	PAL				
	VP-L600/L600B	VP-L610/L610B	VP-L610D	VP-L630	VP-L650
Format	8mm	8mm	8mm	8mm	Hi8
Video Light	X	X	X	X	X
Remote Control	X	O	X	O	O
Audio	Mono	Mono	Mono	Mono	Mono
DIS	X	X	X	O	O
SNAP/SHOT	X	X	X	O	O
EVF	O	O	O	O	O
CVF	X	X	X	X	X
CCD	320K	320K	320K	320K	470K
Digital Zoom Ratio	500X	500X	500X	500X	500X

MEMO

3. Disassembly and Reassembly

3-1. Cabinet and PCB

3-1-1 Ass'y Cover Housing Removal

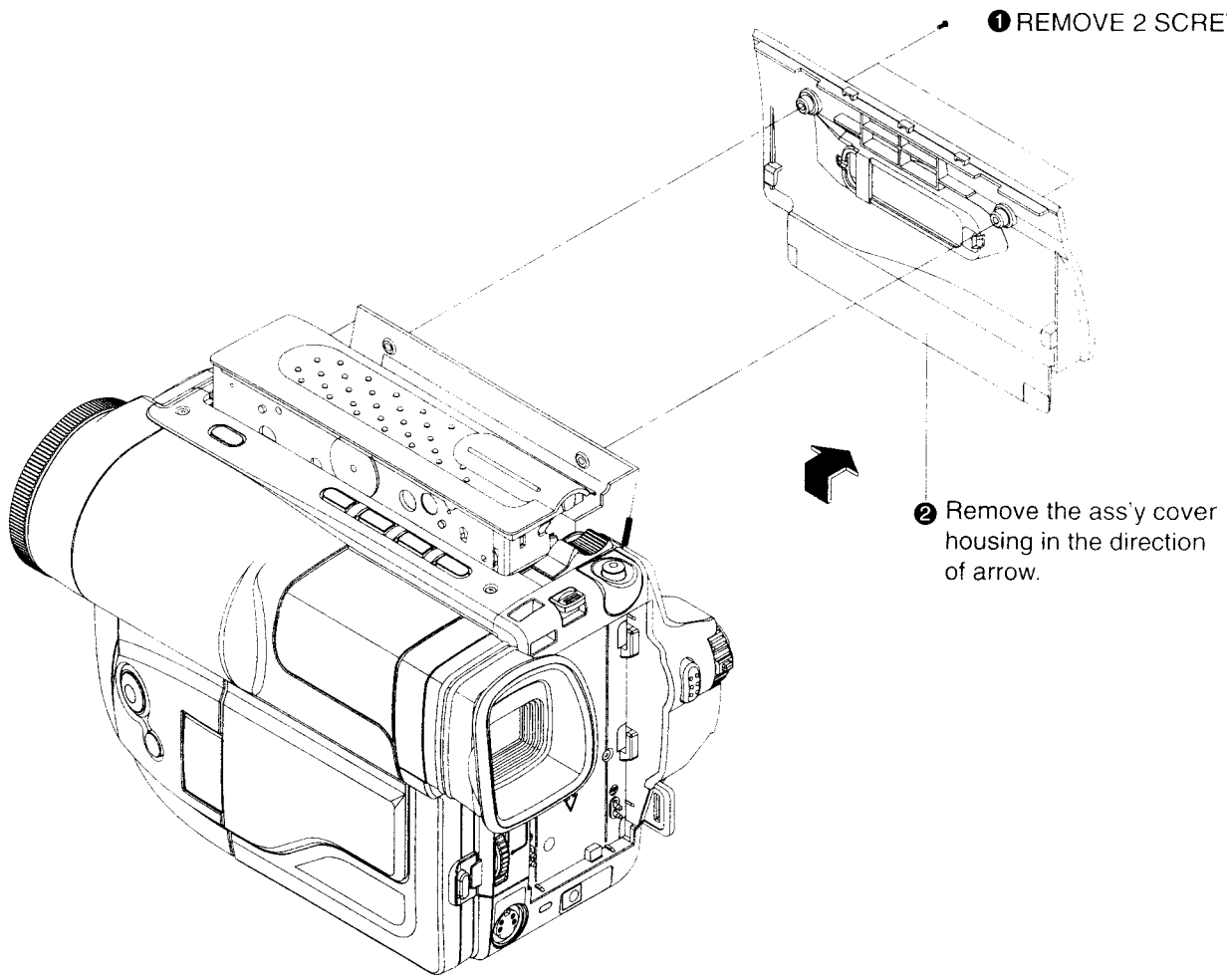
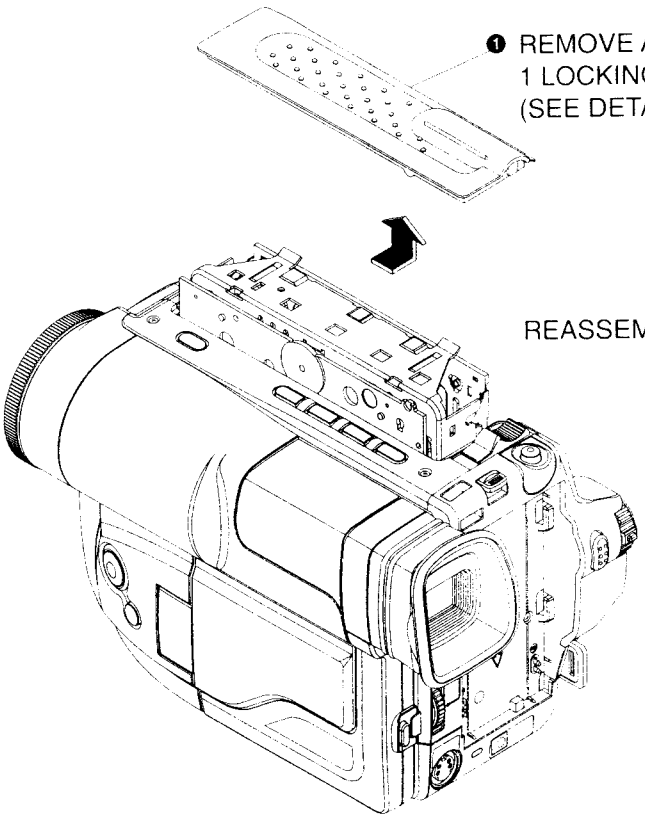


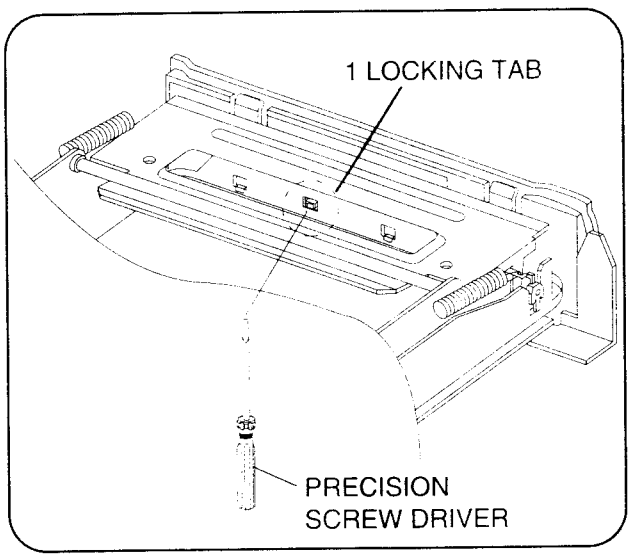
Fig. 3-1 Ass'y Cover Housing Removal

3-1-2 Ass'y Case Top Removal

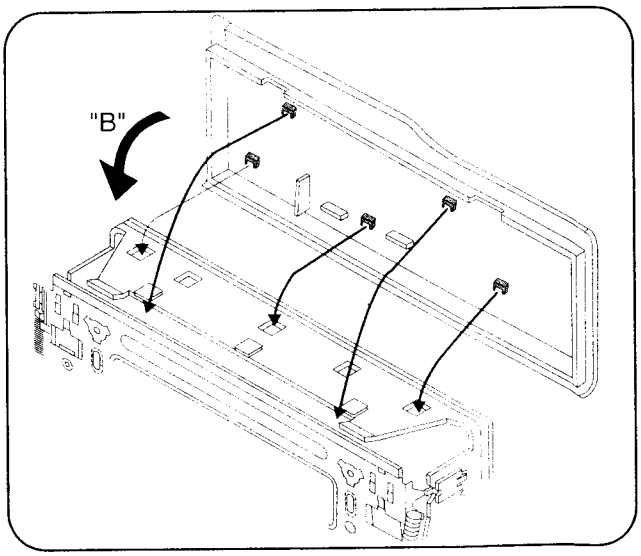


❶ REMOVE ASS'Y CASE TOP BY GENTLY RELEASING 1 LOCKING TAB WITH A SMALL SCREW DRIVER. (SEE DETAIL "A")

REASSEMBLY : PUT THE 5 TABS INTO THE SLOTS, WHILE SLIDING IT AS SHOWN IN DETAIL "B".



< DETAIL "A" >



< DETAIL "B" >

Fig. 4-2 Ass'y Case Top Removal

3-1-3 Ass'y Front Removal

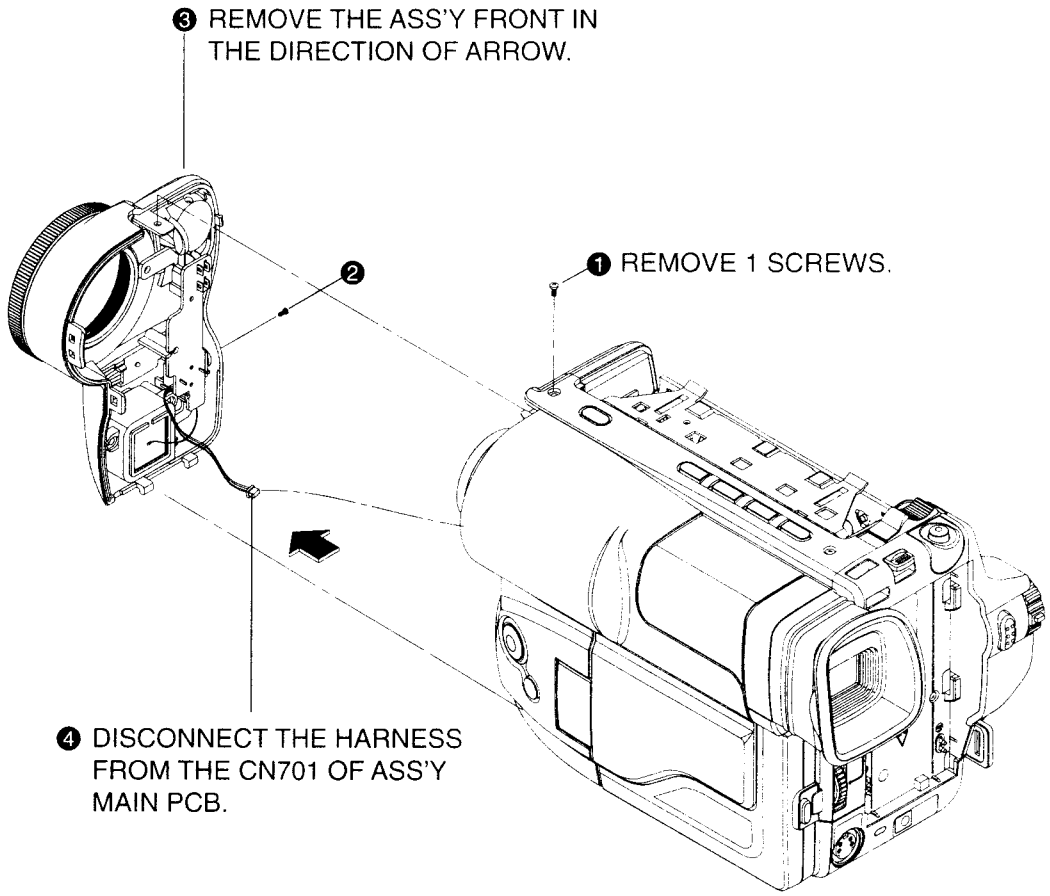

❸ REMOVE THE ASS'Y FRONT IN THE DIRECTION OF ARROW.
❷
❶ REMOVE 1 SCREWS.
❹ DISCONNECT THE HARNESS FROM THE CN701 OF ASS'Y MAIN PCB.

Fig.3-3 Ass'y Front Removal

3-1-4 Ass'y Case Left Removal

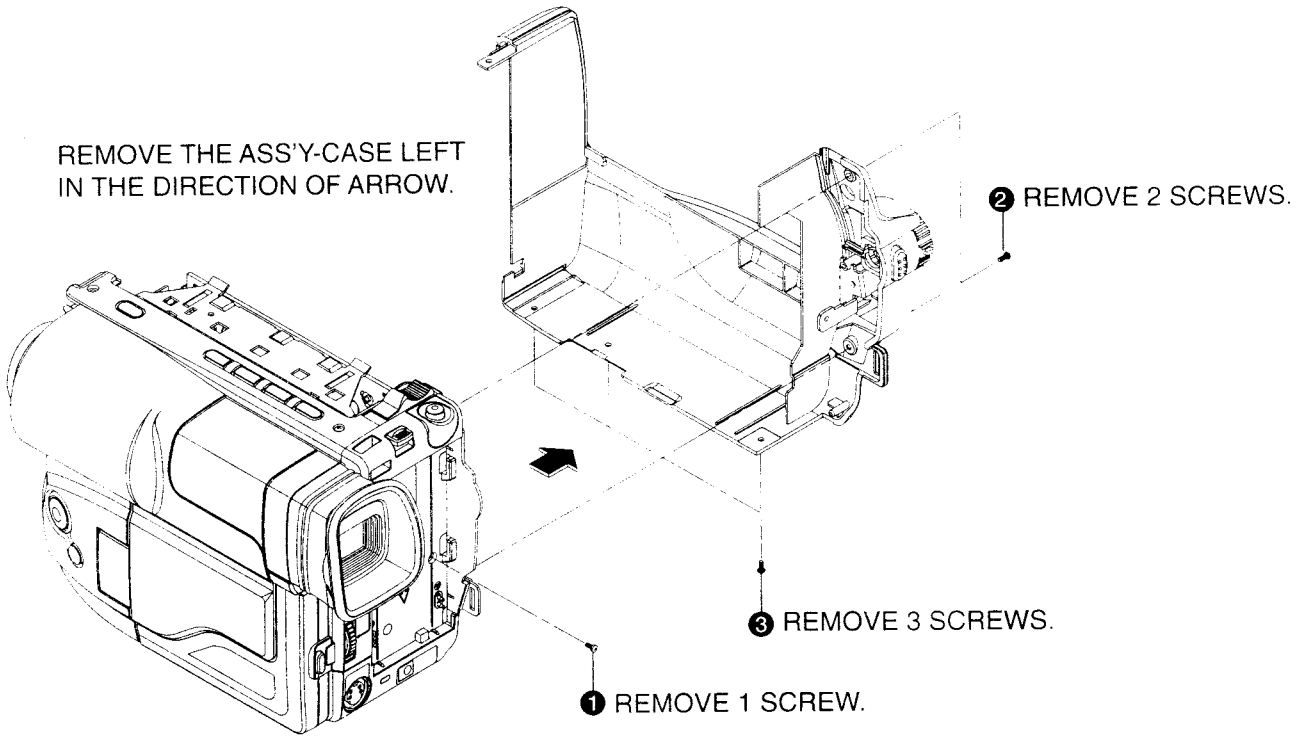


Fig. 3-4 Ass'y Case Left Removal

3-1-5 Ass'y Case Right Removal

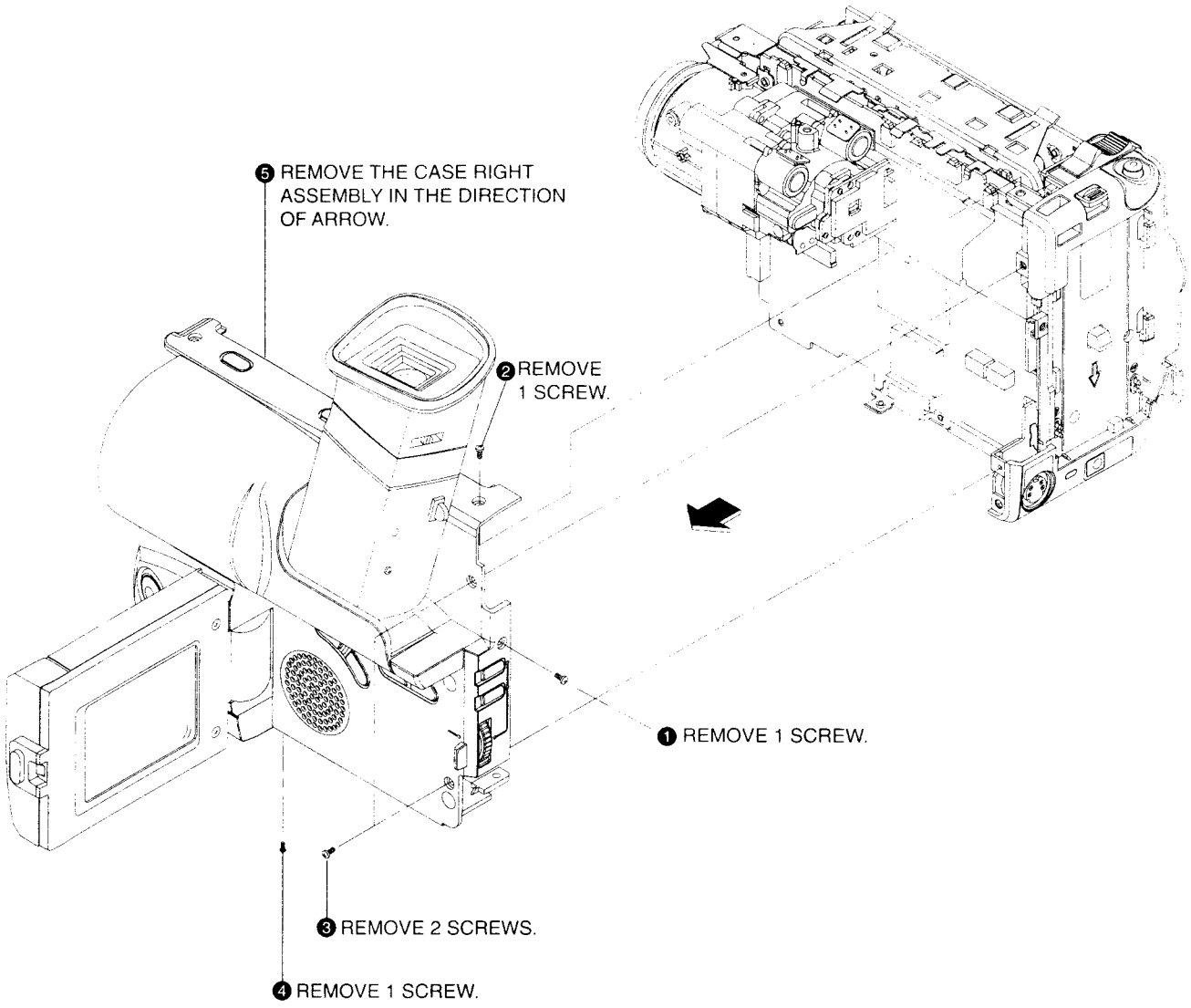

❺ REMOVE THE CASE RIGHT ASSEMBLY IN THE DIRECTION OF ARROW.
❷ REMOVE 1 SCREW.
❶ REMOVE 1 SCREW.
❸ REMOVE 2 SCREWS.
❹ REMOVE 1 SCREW.

Fig. 3-5 Ass'y Case Right Removal

3-1-6 Ass'y LCD Removal

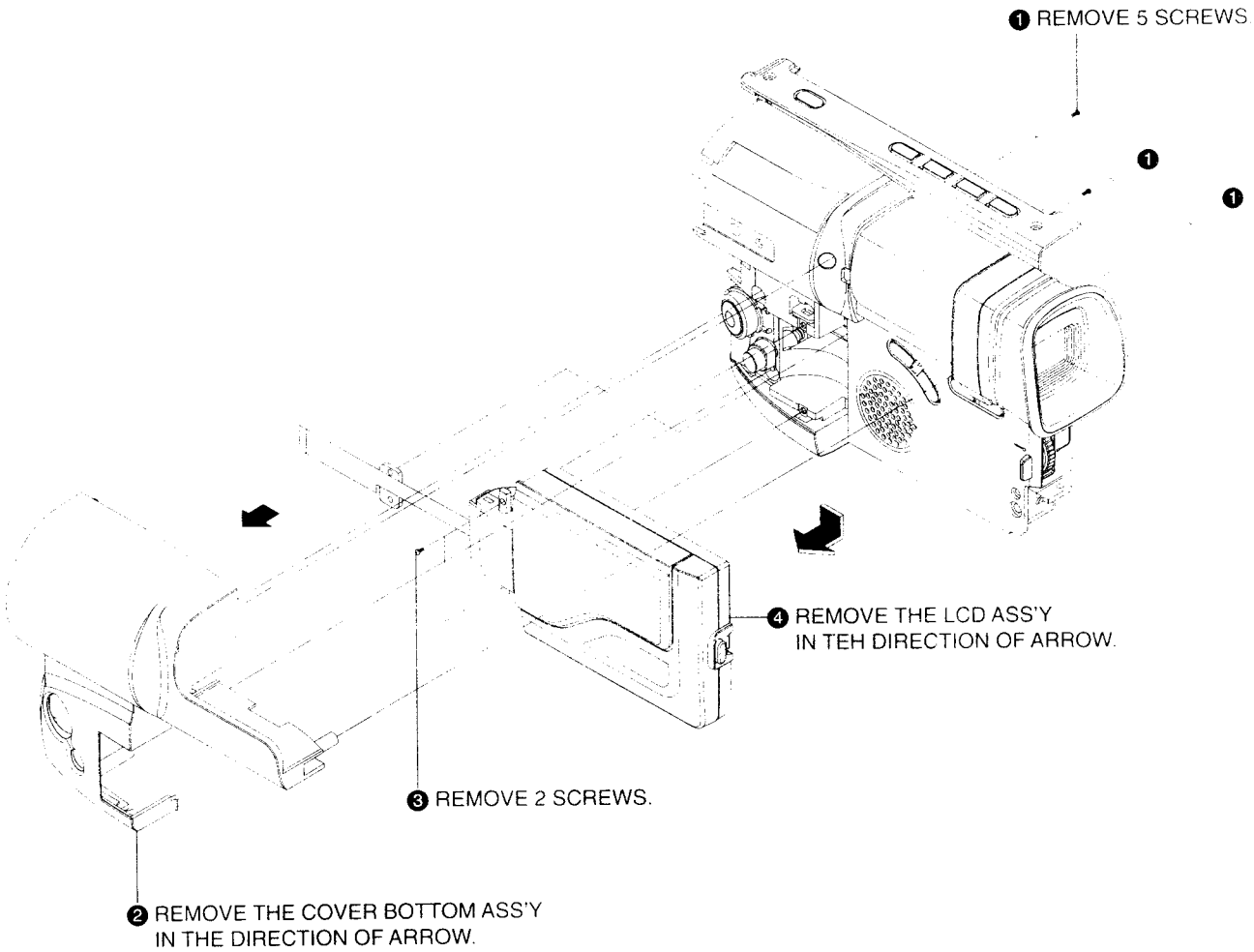


Fig. 3-6 Ass'y LCD Removal

3-1-7 Ass'y EVF/CVF Removal

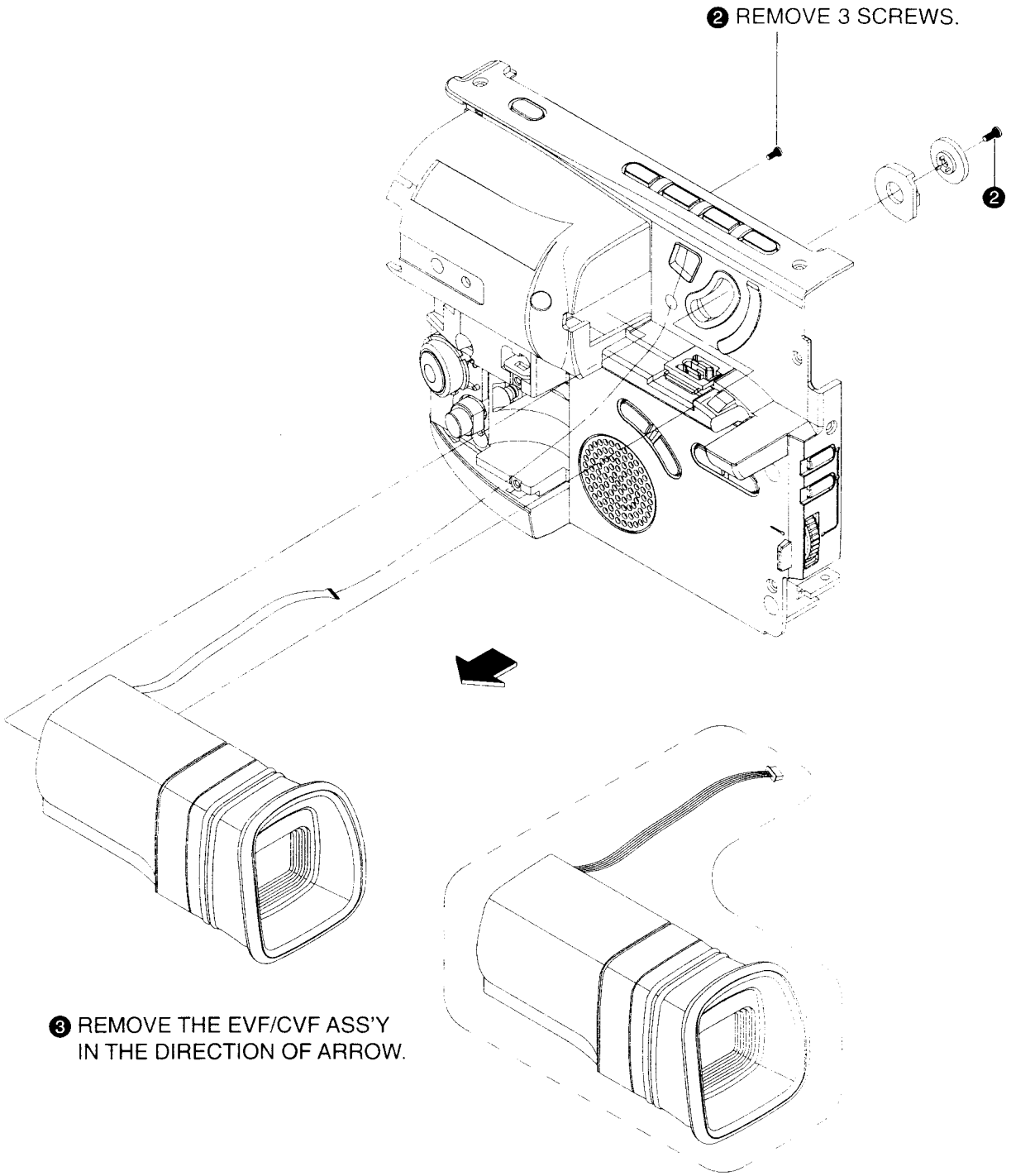


Fig. 3-7 Ass'y EVF/CVF Removal

3-1-8 Ass'y Rear Board Removal

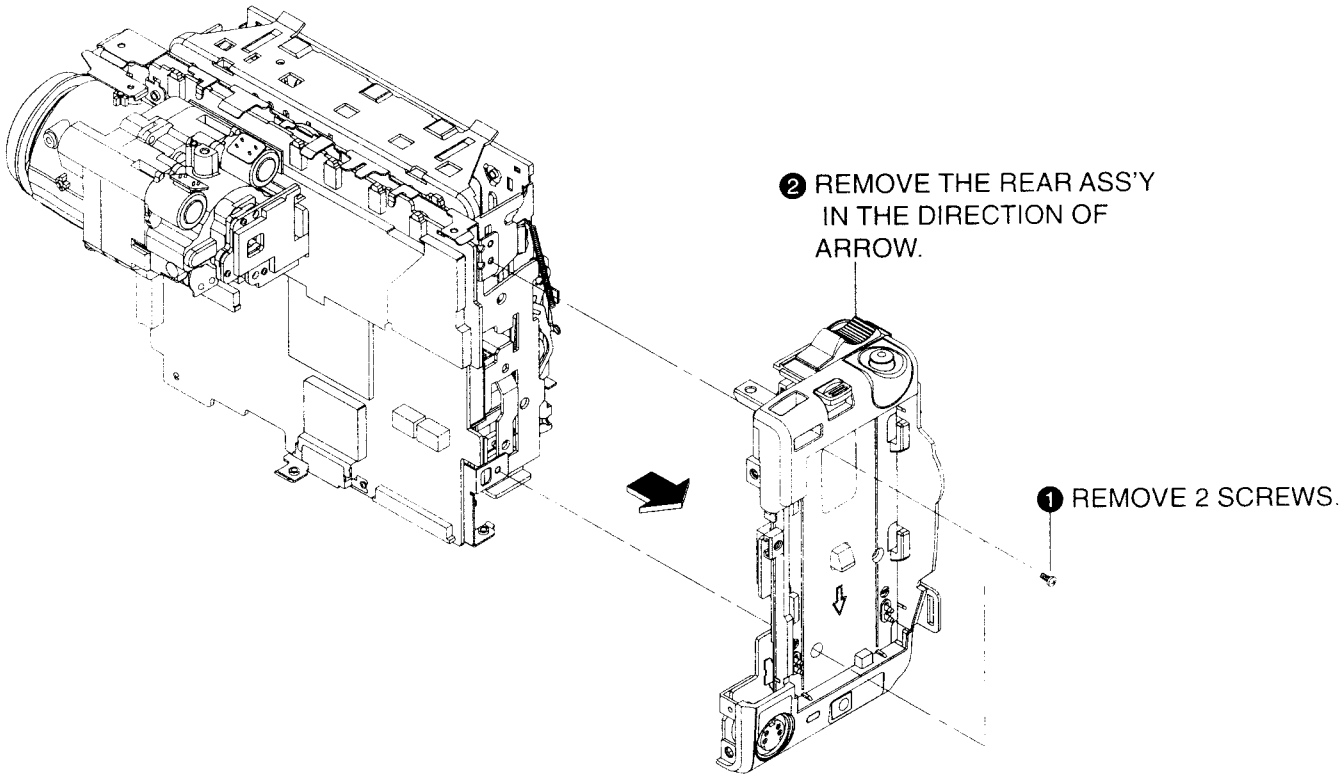


Fig. 3-8 Ass'y Rear Board Removal

3-1-9 Ass'y Deck and Main PCB Removal

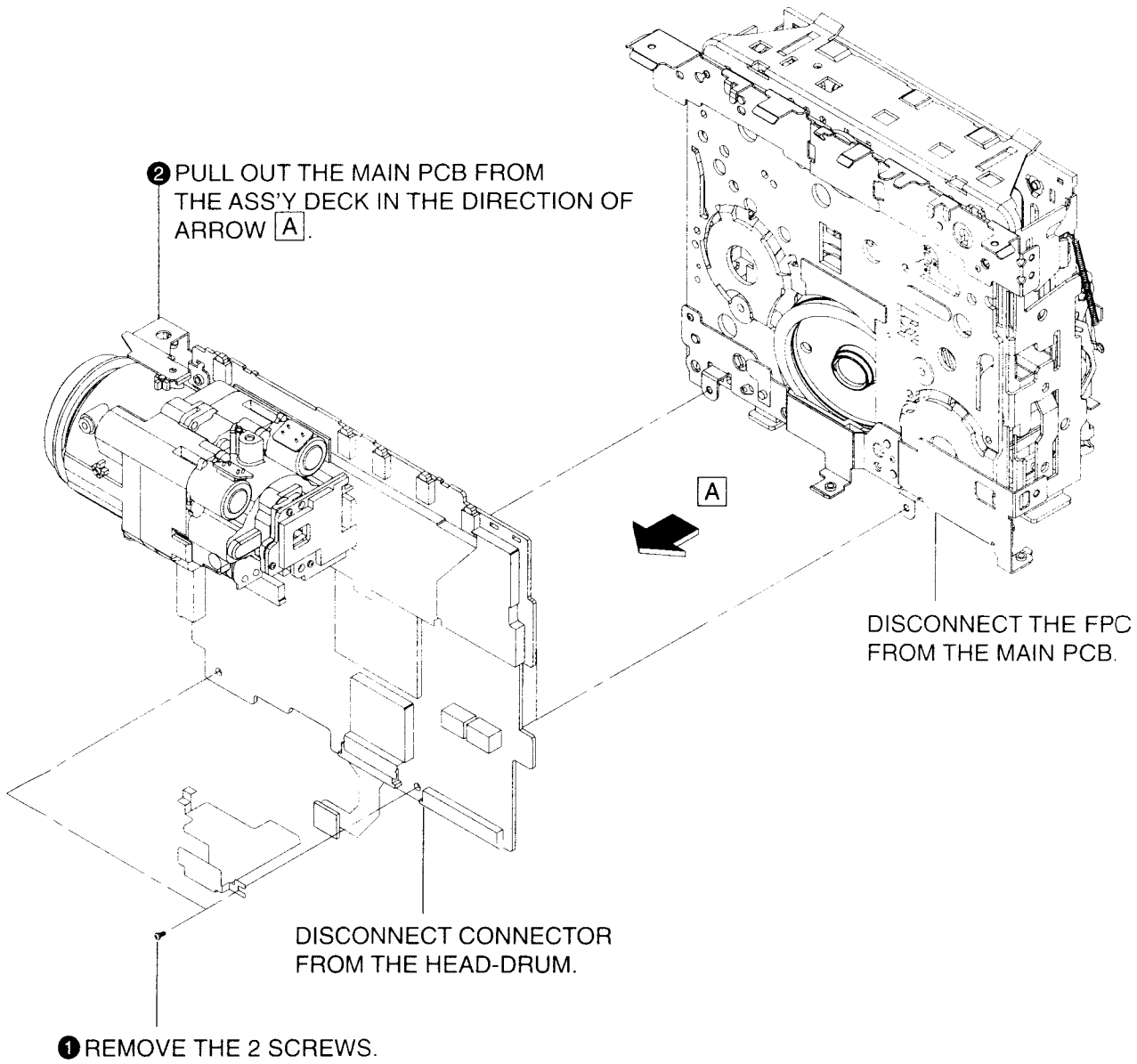

❷ PULL OUT THE MAIN PCB FROM THE ASS'Y DECK IN THE DIRECTION OF ARROW A.
A
DISCONNECT THE FPC FROM THE MAIN PCB.
DISCONNECT CONNECTOR FROM THE HEAD-DRUM.
❶ REMOVE THE 2 SCREWS.

Fig. 3-9 Ass'y Deck and Main PCB Removal

3-1-10 Ass'y Camera Removal

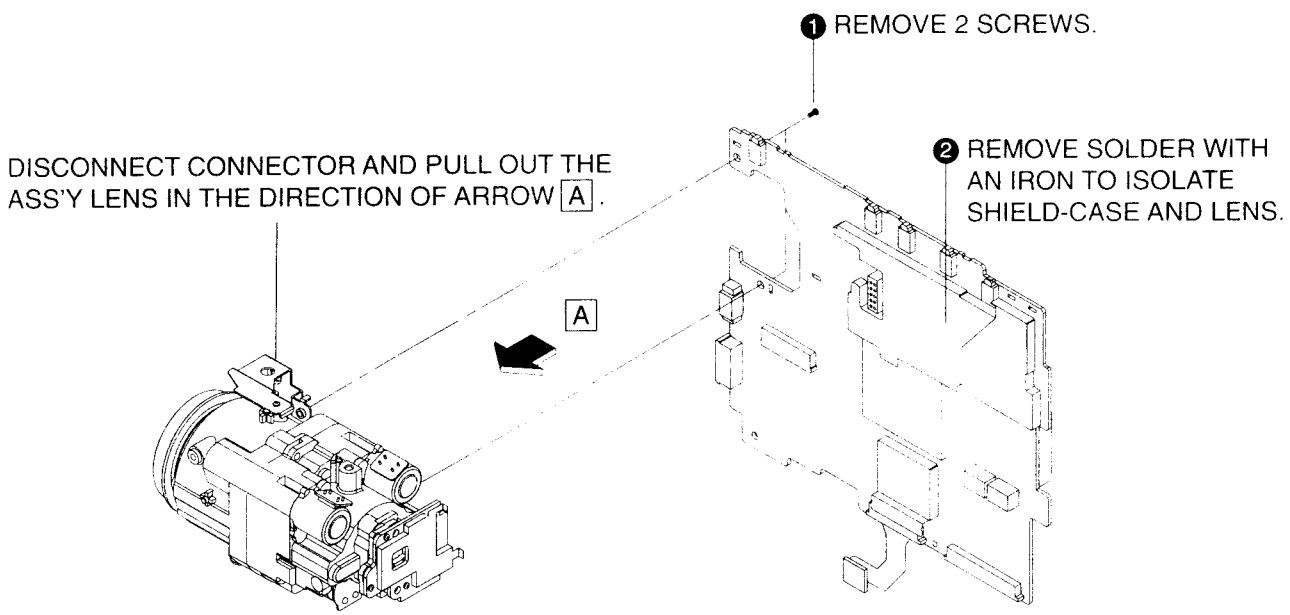

❶ REMOVE 2 SCREWS.
❷ REMOVE SOLDER WITH AN IRON TO ISOLATE SHIELD-CASE AND LENS.
DISCONNECT CONNECTOR AND PULL OUT THE ASS'Y LENS IN THE DIRECTION OF ARROW [A].
A

Fig. 3-10 Ass'y Camera Removal

3-2. Circuit Boards Location

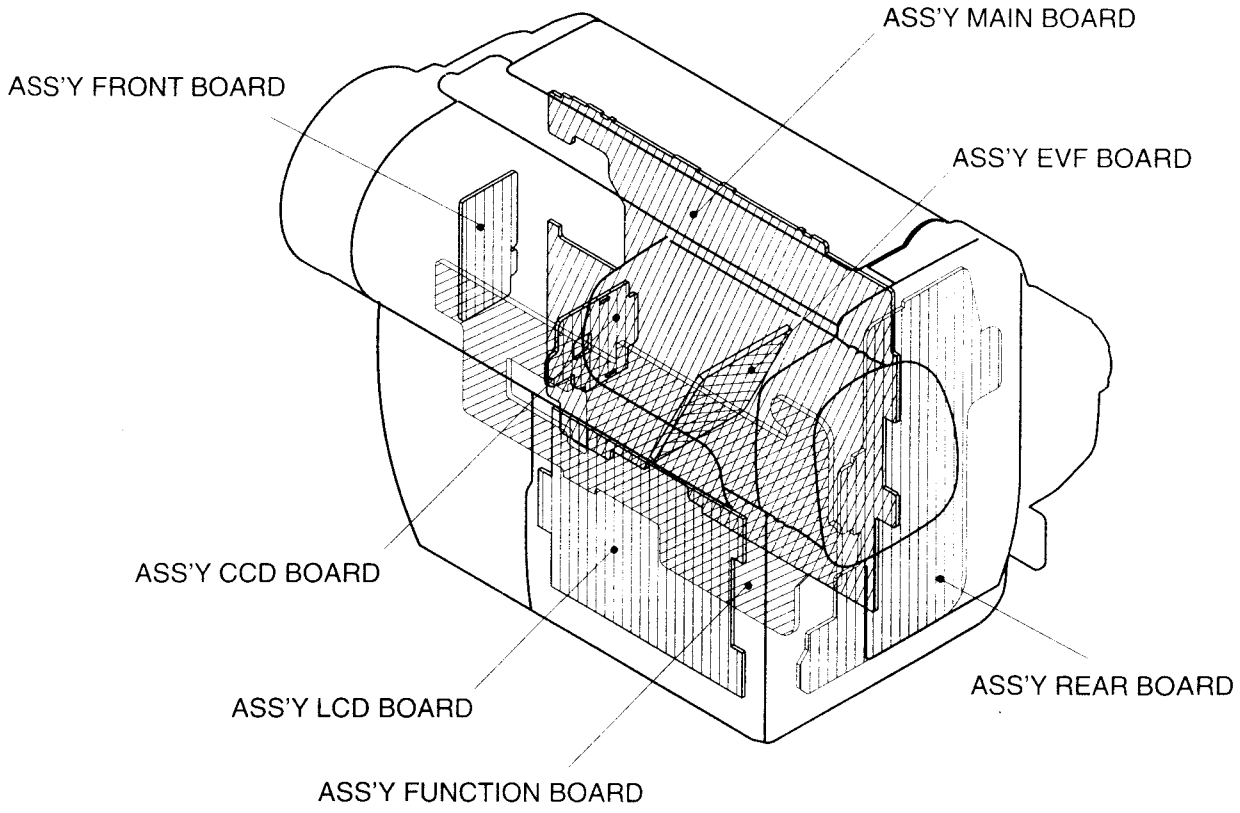
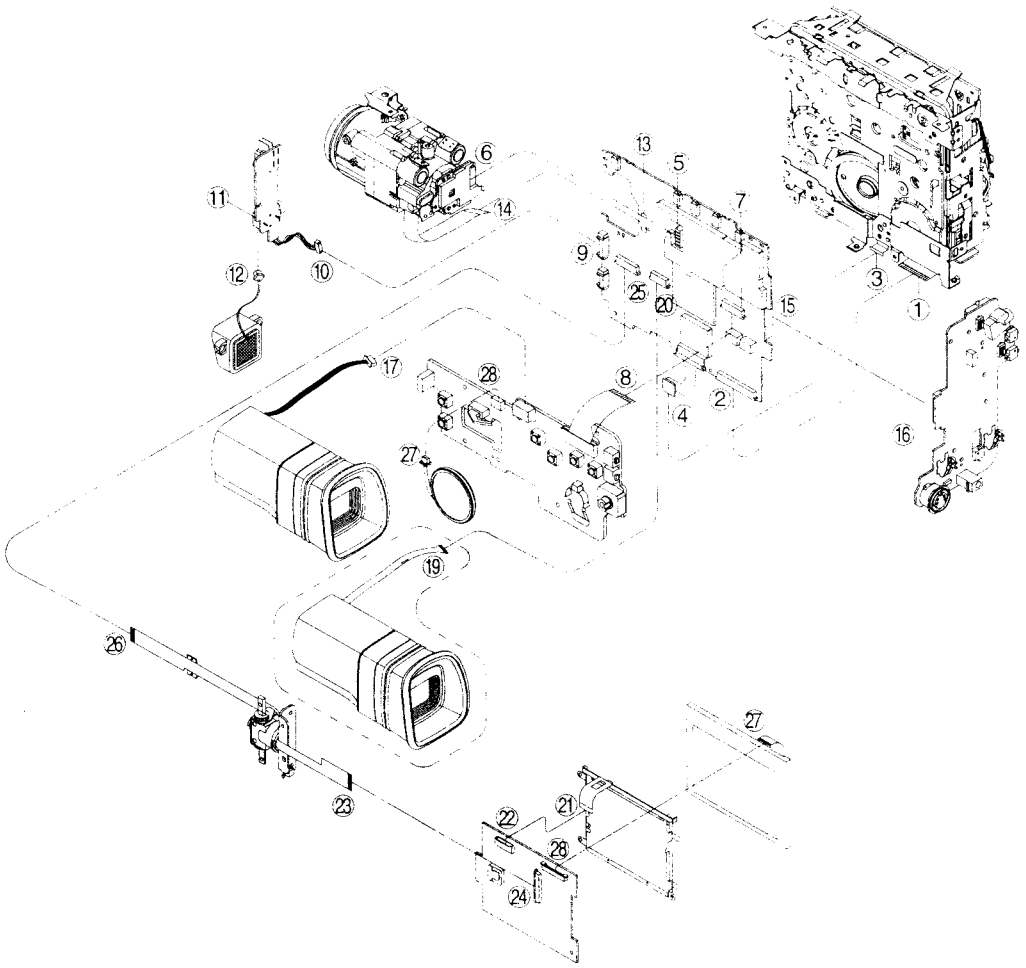


Fig. 3-11 Circuit Boards Location

3-3. Connector Diagram



NO.	CONNECTOR	DIRECTION		CONNECTOR	NO.
①	DECK FPC	DECK	MAIN PCB	CN501	②
③	DRUM HEAD FPC	DECK	MAIN PCB	CN101	④
⑤	CNP01	MAIN PCB	CCD PCB	CNC01	⑥
⑦	CN602	MAIN PCB	FUNCTION PCB	CN471	⑧
⑨	CN702	MAIN PCB	FRONT PCB	CN801	⑩
⑪	CN802	FRONT PCB	ASS'Y MIC	MIC CONNECTOR	⑫
⑬	CNP02	MAIN PCB	ASS'Y LENS PCB	LENS FPC	⑭
⑮	CN601	MAIN PCB	REAR PCB	CN451	⑯
⑱	CN472	FUNCTION PCB	ASS'Y EVF	CNE01	⑰
⑳	CN603	MAIN PCB	ASS'Y CVF	CNV01	⑲
㉒	CNL102	LCD PCB	B/L FPC	B/L FPC	㉑
㉓	CNL101	LCD PCB	HINGE FPC	HINGE FPC	㉔
㉕	CN604(CN606)	MAIN PCB	HINGE FPC	HINGE FPC	㉖
㉗	CNL201	LCD PCB	LCD FPC	LCD FPC	㉘

Fig. 3-12 Connector Diagrams

4. Alignment and Adjustment

4-1. Mechanism Alignment

- Refer to mechanical manual "DE-6 (AD68-30200A)"for the adjustment and checks of mechanism section.
- The location of test point (See Fig.1)

Test Point:
PB RF - Pin 11 of CN452
Head Switching Trigger - Pin 9 of CN452

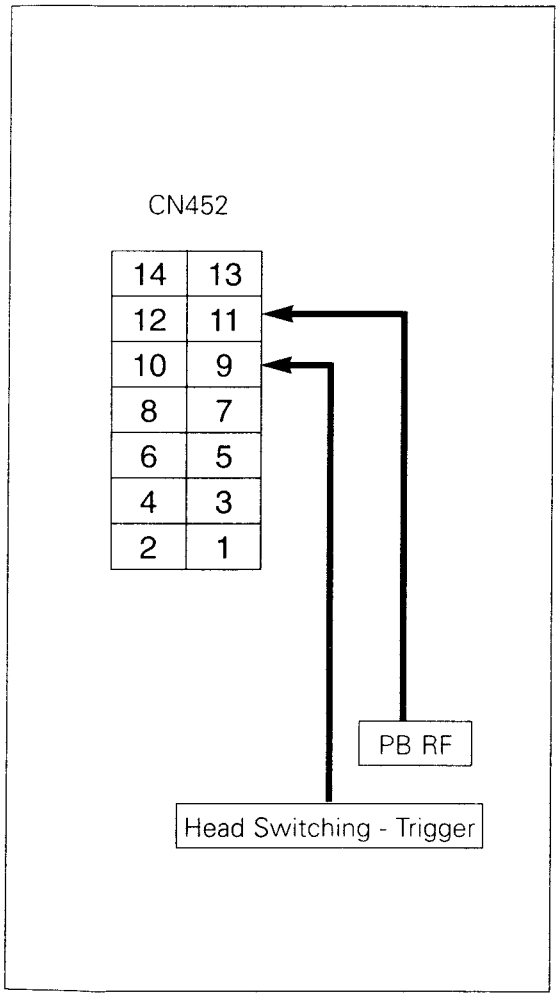


Fig. 1 Test point

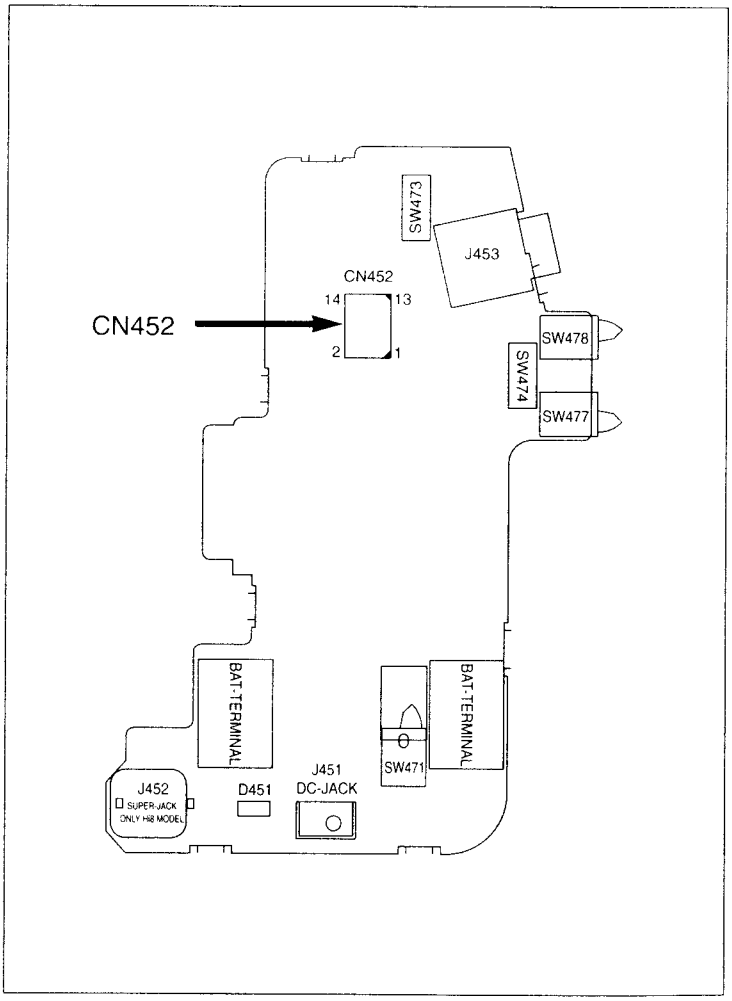
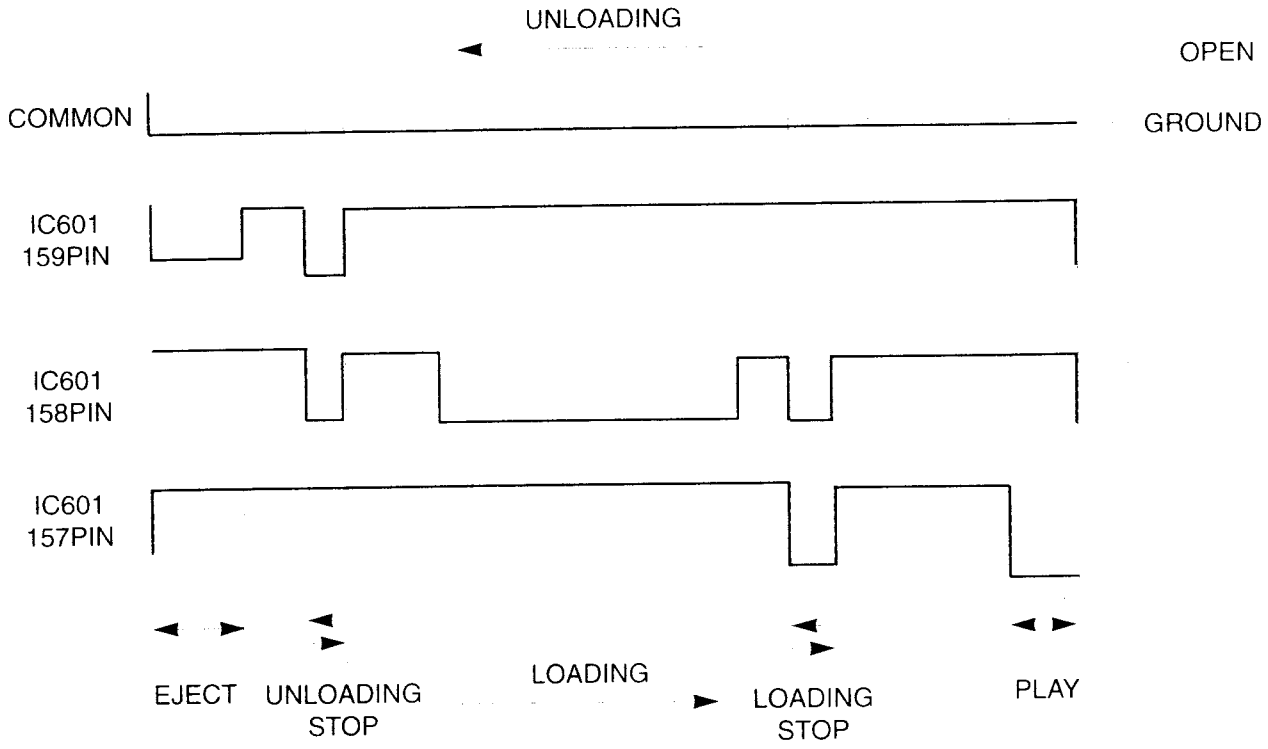


Fig. 2 Test location of test point (Rear Board)



POSITION	IC601 159PIN	IC601 158PIN	IC601 157PIN	ACTION MODE
EJECT	L	H	H	EJECT
UNLOADING STOP	L	L	H	UNLOADING STOP
LOADING STOP	H	L	L	LOADING STOP
PB	H	H	L	PLAY, FF, REW, STILL....

4-2. Camera Section Adjustment

Note :

1. This system has :

   1) EEPROM to store the confirmed adjustment data.
   2) DSP (Digital Signal Process ; ICP01 - Main board) chip to process the signal of camera parts.
   3) One test point for the frequency adjustment of DSP main clock (P. CLK).
   4) The special mode for camera adjustment using the remote controller.

2. Keep in mind :

   1) All adjustment steps should be performed using the remote controller.

4-2-1 Preparations

1. Equipment to be used :

1) DC Power supply
2) Oscilloscope
3) Frequency counter
4) Vectorscope
5) Waveform monitor
6) Color monitor or TV
7) Various charts
   - Color bar chart
   - Gray-scale chart, etc...

2. Composition of camera P.C.Boards :

1) Main PCB 2) CCD PCB
3) CVF PCB 4) EVF PCB
5) LCD PCB

3. Adjustment preparations :

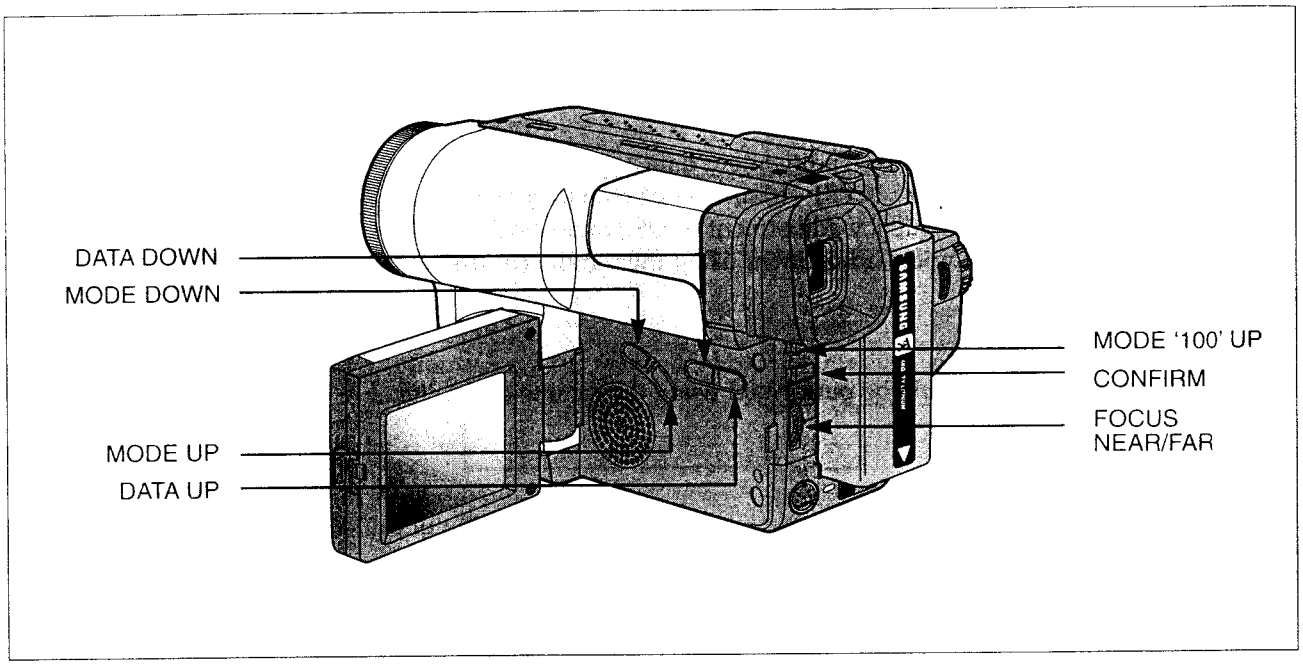
1) Some buttons of set is used as a camera adjust tool.
2) Press the confirm button when each manual adjustment step is completed to write the adjustment data to the EEPROM.
3) After each adjustment step is completed, OSD shows "OK!".
4) To cancel the adjustment mode, remove the power source.

4. Remote control :

The following is a chart explaining the use of each button :

Using Button	Adjustment
ENTER (CONFIRM)	Data store after finishing adjustment by DATA UP/DOWN button.
P.AE (DATA UP) DSE (DATA DOWN)	When change data value of adjust state.
BLC (MODE UP) FADE (MODE DOWN) MENU ON/OFF (MODE UP '100')	Mode change.(One step or 100 step)
MANUAL FOCUS RING (NEAR/FAR)	Manual focus adjustment.
ZOOM TELE ZOOM WIDE	1) Move the zoom position of lens. 2) Semi-Auto lens adjustment.

Some buttons are changed for Service Adjustment.



Note : In service adjustment mode, button names are different from those in customer camera function control mode. EX) ENTER button is the same as confirm.

5. How to get into service "**ADJUST**" mode

STEP 1

1. Remove the lithium battery from the camcorder.
2. Connect the power source (battery/ DC cable).
3. Eject the tape if it is in the unit.
4. Set the power switch of the camcorder to "CAMERA" position.

STEP 2

1. Press and hold the "EJECT" button and DATE/TIME button on the camcorder at the same time for more than 5 seconds. Then unit goes into service mode.

STEP 3

0DF.

ERR : A0 EVR : A0

Note : When "XX XX" is shown in service adjustment procedures, this indicates variable values.

"CAMERA ADJUST MODE, EEPROM ADDRESS SEQUENCE & DATA OF PAGE 0"

CAMERA AUTO ADJUST MODE					CONTENT							
0DF	A0	-	-	-	;EEPROM -TABLE -INITIAL (CAMERA ONLY:'99'+CONFIRM =EXCEPT(#061~#067,#680~#7FF),"							
0CD	FF	-	-	-	;HALL AUTO ADJUST 'AA'=ALL DATA INITIAL)							
0CE	FF	-	-	-	;IRIS AUTO ADJUST							
0CF	FF	-	-	-	;W/B AUTO ADJUST							
0D0	FF	-	-	-	;LENS AUTO ADJUST(WARNNING! DON°ØT'S USE WITHOUT AN INFINITE COLLIMATOR)							
0D6	FF	-	-	-	;ZOOM VR CENTER ADJT							
0DB	FF	-	-	-	;AGC AUTO ADJUST(NORMALLY NOT USED)							
0DE	FF	-	-	-	;3M LENS AUTO ADJUST AT SERVICE FIELD(DISTANCE :3M +/- 1Cm)							
	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
000	00	01	02	03	; 00=NTSC HI8, 01=NTSC NORMAL, 02=PAL HI8, 03= PAL NORMAL							
001	C6	46	C6	46	; DIS MODEL="C6" , NON-DIS MODEL="46"							
	46		46		NON-DIS MODEL="46", DIS MODEL="C6" ,							
002	67	-	-	-	; @IRIS CONTROL-LOW							
003	A5	-	-	-	; @IRIS CONTROL-HIGH							
004	70	-	-	-	; @P.CLK PWM-HIGH (ADCLK ;PAL HI8:14.250MHz, PAL-normal: 9.494800MHz NTSC:9.534964MHz)							
005	08	-	-	-	; UPD16879 INIT 4th							
006	33	-	-	-	; UPD16879 INIT 6th focus							
007	33	-	-	-	; UPD16879 INIT 7th zoom							
008	03	-	-	-	; CDS F-REG(f1,f0) CAM : BIT0:f0,BIT1:f1							
009	B0	-	-	-	; CDS F-REG(f9,f2) CAM ;PGA GAIN -HIGH(0.00dB~ 30.0dB)					CCD WHITE DEFECT DETECT AGC		
00A	70	-	-	-	; CDS G-REG CAM ;DAC1 INPUT(HALL REFERENCE CONTROL;0V~3.0V)							
00B	3D	-	-	-	; CDS H-REG CAM ;DAC2 INPUT(HALL GAIN CONTROL;0V~3.0V)							
00C	85	-	-	-	; CDS E-R(e1,e0),J-R(j0),M-R;D0:e0,D1:e1,D2:j0(CAM),D4:e0,D5:e1,D6:j0(VCR),D7:cds-rev='1'							
00D	50	-	-	-	; CDS F-REG(f9,f2) VCR COLOR ;PGA GAIN HI8 ME							
00E	02	-	-	-	; CDS IC A REG AT VCR MODE							
00F	1C	-	-	-	; CDS TE-R (D0:T-R D9 set='0'=offset=E-R,'1'=offset=#010(d0~d5: add111: d4~d9),D1:T-R							
010	30	-	-	-	; CDS OFFSET (#00F: D0='1' OFFSET VALUE)					d3,D2D3=C0C1(CAM), D4D5=C0C1(VTR)		
011	00	00	01	01	; VNTPAL2_H ccd vertical effective line							
012	F7	F6	23	23	; VNTPAL2_L ccd vertical effective line							
013	01	00	01	00	; HNTPAL2_H ccd horizental effective pixel							
014	80	FF	78	FA	; HNTPAL2_L ccd horizental effective pixel							
015	D2	D2	D2	2D	; PHG hg phase : DZOOM - EEPROM #296 CONTROL							
016	01	-	-	-	; Mpoint_H mirror point h : MIRROR- EEPROM #336							
017	74	-	-	-	; Mpoint_L mirror point h : MIRROR- EEPROM #337							
018	A0	-	D0	D0	; AE TARGET-LOW BYTE (NON-DIS)							
019	05	-	05	05	; AE TARGET-HIGH BYTE (NON-DIS)							
01A	D0	-	-	-	; DIS AE TARGTE LOW							
01B	0B	0B	0D	0D	; DIS AE TARGET HIGH							
01C	80	-	-	-	; FLEX ZONE AE TARGET PERCENT(80H= AUTO TARGET)							
01D	B0	88	B0	88	; SPOT LIGHT AE TARGET PERCENT(DIS: B0 , NON-DIS: 88)							
01E	80	77	80	77	; BLC ON AE TARGET PERCENT(DIS: 80 , NON-DIS: 77)							
01F	90	88	90	88	; SAND SNOW AE TARGET PERCENT(DIS: 90 , NON-DIS: 88)							
020	60	-	-	-	; NEGA BLC AE TARGET PERCENT(80H= AUTO TARGET)							
021	08	05	-	05	; AGC =#022 VALUE: #22F- H ENHANCER MIN							
022	00	-	-	-	; AGC =#022 VALUE :#237- V ENHANCER MIN							
023	E5	-	-	-	; AGC MAX % (E5=90%) FOR H,V ENHANCER MIN (#021,022)							
024	80	-	-	-	; IRIS CONTROL GAIN '80'=CENTER							
025	38	-	-	-	; SHUTTER START POINT OF IRIS CONTROL PERCENT(FF=100% IRIS OPEN)							
026	A0	-	-	-	; AGC AETRGET PERCENT(=AETARGET*(#026/100hex)							

ADDR	NO-OSD-DISPLAY MODEL/DATA				DISTANCE CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
027	90	-	-	-	; DIGITAL CLAMP CONTROL START AGC							
028	A0	A0	A0	A0	; CHROMA SUPPRESS PERCENT (00h=supress max,40h=25%,80h=50%)							
029	48	-	-	-	; CHROMA SUPPRESS START AGC VALUE							
02A	48	-	-	-	; NOISE SLICE START AGC VALUE							
02B	80	-	-	-	; SHUTTER CONTROL GAIN '80'=CENTER							
02C	80	-	-	-	; AGC CONTROL GAIN '80'=CENTER							
02D	30	-	38	-	; DIS AE AVERAGE CUTTING AT AUTO MODE							
02E	40	-	48	-	; DIS AE AVERAGE CUTTING AT SPLOTLIGHT MODE							
02F	30	-	38	-	; DIS AE AVERAGE CUTTING AT FLEXZONE MODE							
030	40	-	-	-	; CDS F-REG(f9,f2) VCR COLOR :PGA GAIN HI8 MP,NORMAL							
031	08	0B	-	0B	; AGC H CORE LEVEL							
032	08	-	-	-	; AGC V CORE LEVEL							
033	12	-	-	-	; AGC GAMMA							
034	01	-	01	01	; OUTDOOR(5100K) R-Y GAIN -HIGH					OUTDOOR COLOR		
035	10	23	3B	50	; OUTDOOR(5100K) R-Y GAIN -LOW					OUTDOOR COLOR		
036	00	-	00	00	; OUTDOOR(5100K) B-Y GAIN -HIGH					OUTDOOR COLOR		
037	A0	B4	D0	D6	; OUTDOOR(5100K) B-Y GAIN -LOW					OUTDOOR COLOR		
038	01	-	01	01	; OUTDOOR(5100K) R,Mg HUE -HIGH					OUTDOOR COLOR		
039	30	20	50	3E	; OUTDOOR(5100K) R,Mg HUE -LOW					OUTDOOR COLOR		
03A	00	-	00	00	; OUTDOOR(5100K) G, Cy HUE -HIGH					OUTDOOR COLOR		
03B	0A	10	01	13	; OUTDOOR(5100K) G, Cy HUE -LOW					OUTDOOR COLOR		
03C	01	-	01	01	; OUTDOOR(5100K) B, Cy, Mg HUE -HIGH					OUTDOOR COLOR		
03D	52	41	58	70	; OUTDOOR(5100K) B, Cy, Mg HUE -LOW					OUTDOOR COLOR		
03E	01	-	01	01	; OUTDOOR(5100K) Ye, G HUE -HIGH					OUTDOOR COLOR		
03F	28	-	40	44	; OUTDOOR(5100K) Ye, G HUE -LOW					OUTDOOR COLOR		
040	64	-	-	-	; WB DASH(WAITING TIME :UPPER 4BIT, SPEED:,LOWER 4BIT)							
041	43	43	42	52	; BTRK1X: R GAIN TRACKING CURVE							
042	C6	-	-	-	; WBSPEED							
043	A0	A0	AC	AA	; RBCMAX0							
044	9A	9A	95	95	; MGCMAX0							
045	3E	3E	3D	3E	; RBCMIN0							
046	6A	6A	60	69	; MGCMIN0							
047	30	-	-	-	; RBRESP IGNORE AREA(R-B)							
048	30	-	-	-	; MGRESP IGNORE AREA(Mg-G)							
049	8E	8E	94	94	; CW_LEV_BF B XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04A	94	94	9C	9A	; CW_LEV_GF G XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04B	20	20	1A	1A	; CW_LEV_RF R XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04C	00	-	-	-	; CW_LEV_MF M XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04D	08	-	-	-	; AWB_STAB AWB STABLEMODE COUNTER UPPER LIMIT							
04E	00	-	-	-	; HIGH TEMPERTURE CONSIDERABLE RANGE CHANGE-RATE(R XIAS)							
04F	80	-	-	80	; LIKEWARM/LIKECOOL							
050	06	-	-	06	; R-B OFFSET DEC. INI- VALUE							
051	05	-	-	05	; Mg-G OFFSET DEC INI- VALUE							
052	40	-	-	-	; OUTS_RBN :HIGH TEMPERTURE CONSIDERABLE RANGE CHANGE-RATE(R XIAS)							
053	0C	-	-	-	; OUTS_MG :GREEN LIGHT SOURCE CONSIDERABLE RANGE CHANGE-RATE							
054	48	-	-	-	; INS_RB :5100K COLOR TEMPERTURE AREA							
055	37	-	-	-	; Y_LEV_L0 :LOW LUMINANCE WHITE DETECT AREA INI- VALUE (HIGH 4BIT,LOW 4BIT SEPERATE)							
056	04	-	-	-	; AWB_hall_shutter		HALL VALUE= INPUT HALL -(shutter/(80*#056))					
057	48	-	-	-	; PKOUD_IRIS							
058	20	-	-	-	; PKOUD_FAR: ZOOM TELE & FOCUS FAR(5.9M) (#057+#058) LESS THEN ,SRTAT DECREASE RANGE							
059	FF	-	-	-	; PKSHUT_RAT							
05A	40	-	-	-	; PKOUD_AMIN							
05B	FF	-	-	-	; Mg DIRECTION CONTROL LIMIT							
05C	C1	-	-	-	; mAWB_Pkoud_step:]UPPER 4BIT(INCREASE SPEED),LOWER 4BIT (DECREASE SPEED)							

ADDR	NO-OSD-DISPLAY MODEL/DATA				DISTANCE CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
05D	FF	-	-	-	; G DIRECTION CONTROL LIMIT							
05E	FF	-	-	-	; AWB STOP WHEN R Gain > 5100K + #05E							
05F	48	-	49	48	; chHall < mAWB_Pkoud_12(#05F) + mAWB_Pkoud_far (normal)							
060	A0	-	-	-	;SOPT AGC							
061	**~**	**067**			**VTR DATA**							
061	00	-	-	-	;HDSW ADJ							VTR-ADJ
062	1C	-	-	-	; Fxt adj 32.768KHZ CLOCK FEQUENCY							VTR-ADJ
063	77	-	-	-	; MODEL1							VTR-ADJ
064	50	-	-	-	; DZM DISP SIZE							VTR-ADJ
065	01	-	-	-	; TBC DEFAULT							VTR-ADJ
066	00	-	-	-	; CUSTOM							VTR-ADJ
067	00	-	-	-	;TITLE LAN.							VTR-ADJ
068	F5	-	-	-	; D/ZOOM RATIO MAX DATA(80:2 TIMES, CO:4 TIMES, X550=F5 ,X700=F8)							
069	19	19	1E	1E	; ZOOM MAX SPEED ;22X LENS PAL:1BH ,NTSC:17H) (12,16:275pps)							
06A	09	-	0B	0B	; REMCON ZOOM SPEED X22 PAL:09 =11SEC, 0B=10SEC							
06B	1A	-	-	-	; D/ZOOM RATIO OF WIDE IMAGE COMPENSATION							
06C	80	-	-	-	; D/ZOOM ON START POSITION-LOW BYTE OF WIDE IMAGE COMPENSATION							
06D	87	-	-	-	; D/ZOOM ON START POSITION-HIGH BYTE OF WIDE IMAGE COMPENSATION							
06E	00	-	-	-	; D/ZOOM ON END POSITION-LOW BYTE OF WIDE IMAGE COMPENSATION							
06F	85	-	-	-	; D/ZOOM ON END POSITION-HIGH BYTE OF WIDE IMAGE COMPENSATION							
070	00	-	-	-	; WIDE D.ZOOM X1.1 DECREASE ZOOM POSITION-'L' POINT (00 83)OR(08 80)							
071	83	-	-	-	; WIDE D.ZOOM X1.1 DECREASE ZOOM POSITION-'H' POINT (00 83)OR(08 80)							
072	50	-	-	-	; WIDE D.ZOOM OFF ZOOM POSITION-'L' POINT (50 81)OR(08 80)							
073	7C	-	-	-	; WIDE D.ZOOM OFF ZOOM POSITION-'H' POINT (50 81)OR(08 80).7C=X1.06(0E hex)							
074	09	-	-	-	; V SKIP LINE NUMBER							
075	11	11	00	00	; DZOOM BOUN DOWN (DIS MAX COMPENSATION(=66)-#075)							
076	10	-	-	-	; CINEMA F-ZONE LIMIT UP							
077	68	-	-	-	; CINEMA F-ZONE LIMIT DOWN							
078	F6	-	-	-	; DIS;WIGHT WHEN DATA INCREASE							
07D	6C	6C	20	20	; ADDR.#21B DATA OF FIELD-'H' WHEN PHOTO ON							
07E	60	60	2C	2C	; ADDR.#21B DATA OF FIELD-'L' WHEN PHOTO ON							
07F	60	60	2C	2C	; ADDR. #21B data WHNE GHOST ON							
080	1B	-	-	-	; DIS ON XMX,XMY SETTING BY ZOOM POSITION,ADDR.#1B9,#1AE ,at WIDE END #1B8-#1AA=01hex							
081	29	-	-	-	; DIS ON, TELE POSISION D/ZOOM RATIO (29 HEX= X 1.19)							
082	0C	-	-	-	; DIS;CONTROL OF AF DATA							
083	02	-	-	-	; DIS;STEP OF AF DATA							
084	A0	-	-	-	; DIS;LIMIT							
085	0E	-	-	-	; DIS; FACTOR OF FREQUENCY							
086	39	-	-	-	; NEGA MODE FEDESTAL LEVEL #240							
087	47	47	47	47	; PB MODE #3BF CONTROL VALUE(CVF PB CLOLOR)							
088	54	-	55	54	; RBC-MAX_F							
089	8A	-	-	-	; chAwb_PEAK_OUD=FF, RBCMIN VALUE INCREASED RANGE, chAwb_PEAK_OUD RERATED							
08A	87	-	-	-	; WHEN chAwb_MGCMAX IS MINMUM VALUE(5100K)							
08B	92	-	-	-	; WHEN chAwb_MGCMAX IS MAXIMUM VALUE , RBC VAVUE (DISTANCE VALUE WITH 200H)							
08C	FF	-	-	-	;							
08D	93	93	A7	C1	;DSP AE TARGET COMPESATION							
08E	00	-	-	-	;AF CLIP CNT THR LOW BYTE							
08F	01	-	-	-	;AF CLIP CNT THR HIGH BYTE							
090	00	-	-	-	; D6='0' MIDDLE ZOOM TRACK COMPENSATION ON='00' OFF='40')							
091	00	-	-	-	; DSP AF HGSTART HIGH (AT ALL AREA)							
092	32	-	-	-	; DSP AF HGSTART LOW (AT ALL AREA)							
093	00	00	01	00	; DSP AF HGSTOP HIGH (AT ALL AREA)							
094	DD	DD	4E	DD	; DSP AF HGSTOP LOW (AT ALL AREA)							

ADDR	NO-OSD-DISPLAY MODEL/DATA NTSC HI8	NTSC NOR	PAL HI8	PAL NOR	DISTANCE CONTENT D7	D6	D5	D4	D3	D2	D1	D0
095	B8	-	-	-	; ZOOM VARIABLE CORVE OPTION							
096	00	-	-	-	; #0D3 LENS CHECK OPTION ('1'= WIDE END SKIP)							
097	66	-	-	-	;AE WEIGHT (B-2A);(WEIGHT/255)							
098	36	-	-	-	;AGC MAX Y SETUP(#23F)							
099	16	-	-	-	;FOCUS MIDDLE MARGIN LOW BYTE					CHANGED BY (LENS ADJUST (#0DE)		
09A	00	00	00	00	;FOCUS MIDDLE MARGIN HIGH BYTE					CHANGED BY (LENS ADJUST (#0DE)		
09B	~	**0A0**			**AGC ADJUST SHUTTER VALUE**							
0A1	B4	B4	96	96	;FADE TIME (#3 SEC*60=180==B4							
0A2	90	-	A1	A2	;RGAIN5100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A3	01	-	01	01	;RGAIN5100_H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A4	98	-	9C	82	;BGAIN5100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A5	01	-	01	01	;BGAIN5100_H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A6	D2	-	B8	CC	;RGAIN3100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A7	00	-	00	00	;RGAIN3100_H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A8	F3	-	91	E5	;BGAIN3100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A9	01	-	01	01	;BGAIN_3100H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0AA	6C	-	-	-	; FOCUS RESET LOW(16X,22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0AB	81	-	-	-	; FOCUS RESET HIGH(16X,22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0AC	21	-	-	-	; ZOOM RESET LOW(16X, 22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0AD	87	-	-	-	; ZOOM RESET HIGH(16X, 22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0B3	40	-	-	-	; HALL CLOSE TARGET							
0B4	95	-	-	-	; IRIS CONTROL AT ADJUSTMENT ;UPPER 8 BIT							
0B5	87	-	-	-	; IRIS CONTROL MIN LOW BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0B6	72	-	-	-	; IRIS CONTROL MIN HIGH BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0B7	81	-	-	-	; ZOOM VR CENTER VALUE SAVE ADDR. BY #0D6				CHANGED BY (ZOOM VR-CENTER ADJUST (#0D6)			
0B8	20	-	-	-	; ZOOM VR CENTER MARGEIN							
0BC	34	-	-	-	; AGC MIN							
0BD	D0		E0	C8	; AGC MAX							
0BE	89	-	-	-	; HALL WIDTH							
0BF	60	-	-	-	; HALL REF. START							
0C0	4C	-	-	-	; HALL GAIN. START							
0C1	42	-	-	-	; HALL MIN					CHANGED BY (HALL ADJUST (#0CD)		
0C2	DF	-	-	-	; HALL MAX					CHANGED BY (HALL ADJUST (#0CD)		
0C7	00	-	-	-	; IRIS CONTROL MAX LOW BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0C8	C2	-	-	-	; IRIS CONTROL MAX HIGH BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0C9	02	-	-	-	; FOCUS TELE MARGIN LOW BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0CA	00	-	-	-	; FOCUS TELE MARGIN HIGH BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0CB	28	-	-	-	; FOCUS WIDE MARGIN LOW BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0CC	00	-	-	-	; FOCUS WIDE MARGIN HIGH BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0D7	01	-	-	-	; ZOOM/FOCUS CHK=ONE AF ENABLE BIT 00~03							
0E0	1F	-	-	-	; Y_SOLARI : ART EEPROM #247				AA'=ALL DATA INITIAL)			
0E1	00	-	-	-	; C_SOLARI : ART EEPROM #29F,#2A0"							
0E9	32	32	3C	3C	; CINEMA MODE FLEX ZONE VERTICAL START LIMIT							
0EA	00	00	01	01	; CINEMA MODE FLEX ZONE VERTICAL END LIMIT HIGH							
0EB	DF	DF	0D	0D	; CINEMA MODE FLEX ZONE VERTICAL END LIMIT LOW							
0EC	00	00	EC	EF	; FLEXZONE AF/AE WINDOW H OFFSET DSP							
0ED	F9	F9	FA	FB	; FLEXZONE AF/AE WINDOW V OFFSET DSP							
0EE	D4	D4	D1	CA	; FLEXZONE AF/AE WINDOW H OFFSET DIS							
0EF	ED	ED	E8	E9	; FLEXZONE AF/AE WINDOW V OFFSET DIS							
0F0	01	01	01	01	; V_YUKO(HIGH) VERTICAL EFFECTIVE H LINE NUMBER HIGH							
0F1	03	02	2F	2B	; V_YUKO(HIGH) VERTICAL EFFECTIVE H LINE NUMBER LOW							
0F2	01	01	01	01	; H_YUKO(HIGH) HORIZENTALL EFFECTIVE PIXEL NUMBER HIGH							
0F3	80	80	78	78	; H_YUKO(HIGH) HORIZENTALL EFFECTIVE PIXEL NUMBER LOW							
0F4	81	81	00	7E	; H_HOSEI HORIZENTAL START/STOP OFFSET							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
0F5	FF	-	-	-	;							
0F6	FF	-	-	-	;							
0F7	00	-	-	-	; VSTOP OFFSET AD D/ZOOM							
0F8	01	-	-	-	; Dis_Oaehs_Wa_Gizz: CCD WHITE DEFECT COMPENSATION H STSRT							
0F9	F6	F4	F2	F2	; Dis_Oaehe_Wa_Gizz: CCD WHITE DEFECT COMPENSATION H END							
0FA	02	-	-	-	; Dis_OaeVs_Wa_Gizz: CCD WHITE DEFECT COMPENSATION V STSRT							
0FB	77	77	8E	8E	; Dis_OaeVe_Wa_Gizz: CCD WHITE DEFECT COMPENSATION V END							
0FC	03	-	-	-	; SEPIA R	#26C						
0FD	09	-	B0	B0	;	#26D						
0FE	02	-	-	-	; SEPIA B	#26E						
0FF	60	-	-	-	;	#26F						
100	~	116			**TOP INITIALIED DATA: FIXED**							
117	03	01	03	01	;E_SP2ADCK LOWER 4BIT (ADCK PHASE SELECT)							
117	~	11F			TG-INITIALIZED DATA: FIXED							
120	00	00	06	00	; E_DLRG (RG PHASE DELAY)							
121	0D	07	0B	07	; E_DLSP1(SHP PHASE DELAY)							
122	12	14	16	1C	; E_DLSP2(SHD PHASE DELAY)							
123	~	1A4			TG-INITIALIZED DATA= FIXED							
1A5	~	1FE			LD/CB BLOCK INITIALIZED DATA= FIXED							
1FF	~	227			KZ(WHITE DEFECT COMPENSATION) BLOCK INITIALIZED DATA FIXED							
228	~	24B			**Y PROCESS BLOCK**							
228	02	-	-	-	; D RANGE VARIABLE COEFF.(H) :256STANDARD:03 FF TYP.=X2, 512STANDARD:02 00 TYP.X1							
229	60	60	60	60	; D RANGE VARIABLE COEFF.(L)							
22A	01	-	0B	-	; H_BPF_MAIN_G_MODE(4bit/1bit)(H ENHANCER BPF COEFF.-MSB D4=0:+,1:-)							
22B	04	-	-	-	; H ENHANCER CORE LEVEL(0.5LCB)							
22C	0F	-	-	-	; H_YOKUATU(H ENHANCER SUPPRESS LEVEL: 5LSB)							
22D	01	01	01	01	; H ENHANCER NOISE COEFF.(0~8TIMES)							
22E	0F	-	-	-	; H ENHANCER HIGH LEVEL COEFF.(0~8TIMES)							
22F	1C	18	18	18	; H ENHANCER COEFF.(0~8TIMES)							
230	01	-	01	-	; H_BPF_MAIN_G_MODE(4bit/1bit)							
231	00	-	-	-	; TEST MODE							
232	15	-	-	-	; VENH_LMT (V ENHANCER INPUT LIMIT LEVEL)							
233	04	-	-	-	; HIGH- V ENHANCER CORE LEVEL(0.5LSB)							
234	06	-	-	-	; KV_YOKUATU (HIGH- V ENHANCER SUPPRESS LEVEL)							
235	01	01	01	01	;HIGH- V ENHANCER NOISE COEFF.(0~8 TIMES)							
236	0B	-	-	-	;HIGH- V ENHANCER HIGH LEVEL COEFF.(0~8 TIMES)							
237	16	14	12	12	;HIGH- V ENHANCER COEFF.(0~8 TIMES)							
238	00	-	-	-	;TEST MODE							
239	13	-	-	-	;"HENH_HL (HIGH LIGHT H ENHANCER COEFF.);100IRE OVER , H ENHANCER							
23A	3F	-	-	-	;GM_IN_LMT (GAMMA INPUT LIMIT); 100IRE = 10HEX							
23B	05	-	-	-	;GM_KNEE (GAMMA KNEE COEFF.); 100IRE OVER, GAMMA CURVE							
23C	0D	-	0F	0F	;Y_GAMMA (GAMMA COEFF.) ; 0~100IRE GAMMA CURVE							
23D	00	-	-	-	;GM_BC (GAMMA BLACK CLIP COEFF.)							
23E	08	-	-	-	;HLENH_CR (HILIGHT ENHANCER CORE LEVEL)							
23F	32	39	37	3E	;GAMMA ,BEFORE, SETUP ADJUST"							
240	09	-	-	-	;Y M_F PEDESTAL LEVEL CHANGE ;OFFSET BINARY CODE (NTSC TPY:0E HEX)							
241	01	-	-	-	;Y M_F PEDESTAL LEVEL CHANGE; 1=ADD, 0=SUB.							
242	BB	-	C4	C0	;FADE_LEV (FADE LEVEL) ;BLACK FADE TYP=C0 hex							
243	00	-	-	-	;Y_WB NEGA = '1' , POSI='0'							
244	10	-	12	-	;HLENH_LM (HILIGHT ENHANCER LIMIT LEVEL)							
245	00	-	-	-	; TEST MODE							
246	00	-	-	-	;NEGA/POSI							

ADDR	NO-OSD-DISPLAY MODEL/DATA				DISTANCE CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
247	00	-	-	-	;"SOLARI_Y (YSIGNAL ART LEVEL). SET, BIT =0 FIX							
248	1F	-	-	-	;STATE DATA SETTING MODE							
249	00	-	-	-	;"Y OUTPUT SIGNAL SELECT; 0 =CAMERA MODE ,1 =LINE MODE)							
24A	01	-	02	02	;Y DELAY ADJUST ; CAMEAR MODE : TYP=02 hex (+/-2 CLOCK)							
24B	00	-	-	-	; TEST MODE							
24C	~	**26B**			**C PROCESS MATRIX BLOCK DATA: FIXED**							
26C	03	-	03	03	;R SETUP (R set) HIGH							
26D	53	83	90	90	;R SETUP (R set) LOW							
26E	03	-	03	03	;B SETUP (B set) HIGH							
26F	43	3A	45	23	;B SETUP (B set) LOW							
270	03	-	03	03	;G SETUP (G set) HIGH							
271	36	-	38	40	;G SETUP (G set) LOW							
272	00	-	00	00	;R GAIN (Kr) HIGH							
273	AA	CA	B9	A0	;R GAIN (Kr) LOW							
274	01	-	01	01	;B GAIN (Kb) HIGH							
275	70	F3	F0	AE	;B GAIN (Kb) LOW							
276	~	**27F**			**C PROCESS MATRIX BLOCK DATA: FIXED**							
280	01	-	01	01	;G r-y,r-g(R-YSIGNAL R-GGAIN) HIGH							
281	1A	10	3B	2A	;G r-y,r-g(R-YSIGNAL R-GGAIN) LOW							
282	00	-	00	00	;G b-y,b-g(B-YSIGNAL B-GGAIN) HIGH							
283	A0	C0	D0	E2	;G b-y,b-g(B-YSIGNAL B-GGAIN) LOW							
284	01	-	01	01	;G b-y,r-g(B-YSIGNAL R-GGAIN) HIGH; Mc-y ='1' R-G > 0 AREA GAIN							
285	10	03	50	20	;G b-y,r-g(B-YSIGNAL R-GGAIN) LOW							
286	00	-	00	00	;G b-y,r-g(-) (B-YSIGNAL R-G(-)GAIN) HIGH; " R-G <0 AREA GAIN							
287	11	10	01	24	;G b-y,r-g(-) (B-YSIGNAL R-G(-)GAIN) LOW"							
288	01	-	01	01	;G r-y,b-g(R-YSIGNAL B-GGAIN) HIGH; Mc-y ='1' R-G > 0 AREA GAIN"							
289	A0	AE	68	60	;"G r-y,b-g(R-YSIGNAL B-GGAIN) LOW"							
28A	01	-	01	01	;"G r-y,b-g(-) (R-YSIGNAL B-G(-)GAIN) HIGH; " R-G <0 AREA GAIN"							
28B	20	33	40	2D	;"G r-y,b-g(-) (R-YSIGNAL B-G(-)GAIN) LOW"							
28C	~	2A1			C PROCESS MATRIX BLOCK DATA: FIXED							
2A2	~	2B6			AF INITIALIZED BLOCK FIXED							
2B7	~	**2E1**			**AE INITIALIZED BLOCK FIXED**							
2C5	07	05	08	05	;HCOUNT_2 (AREA 6 START -> 32PIXEL)							
2C6	0D	09	0D	09	;							
2C7	13	0E	15	0E	;HCOUNT_4 (AREA 6 STOP -> 32PIXEL)							
2C8	1A	11	1A	11	;							
2C9	1A	11	1A	11	;HCOUNT_6 (EFFECTIVE PIXEL STOP -> 32PIXEL)							
2D6	05	-	06	06	;VERTICAL AE WINDOW(V1)							
2D7	05	-	06	06	;VERTICAL AE WINDOW(V2)							
2D8	0E	0E	11	11	;VERTICAL AE WINDOW(V3)							
2D9	0E	0E	11	11	;VERTICAL AE WINDOW(V4)							
2DA	0E	0E	11	11	;VERTICAL AE WINDOW(V5)							
2E2	~	**302**			**AWB INITIALIZED BLOCK FIXED**							
2E2	20	20	21	21	;OFSMG_N (OFFSET Mg-G)							
2E3	21	21	23	23	;OFSRB_N (OFFSET R-B)							
2E4	00	-	-	-	;CW_LEV_G0 (aMGL : G WHITE DETECTIONAREA)							
2E5	1C	14	1C	1A	;CW_LEV_M0 (aMGH : Mg WHITE DETECTIONAREA)							
2E6	9B	A8	A8	A6	;CW_LEV_B0 (aRBL : B WHITE DETECTIONAREA)							
2E7	3F	44	3F	3C	;CW_LEV_R0 (aRBH : R WHITE DETECTIONAREA)							
2E8	8A	90	8A	8F	;CB_LEV_G0 (bMGL : G WHITE DETECTIONAREA)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
2E9	0A	10	10	10	;CB_LEV_M0 (bMGH : Mg WHITE DETECTIONAREA)							
2EA	95	A2	A2	A2	;CB_LEV_B0 (bRBL : B WHITE DETECTIONAREA)							
2EB	40	48	30	20	;CB_LEV_R0 (bRBH : R WHITE DETECTIONAREA)							
2EC	03	-	-	-	;Y_LEV_L0 (LOW LUMINANCE WHITE DETECTIONAREA)							
2ED	12	-	-	-	;Y_LEV_H0 (HIGH LUMINANCE WHITE DETECTIONAREA)							
2EE	04	-	-	-	;OFFSET DEC Mg-G							
2EF	02	-	-	-	;OFFSET DEC R-B							
303	~	333			DIGITAL ZOOM(DSP) INITIALIZED BLOCK FIXED							
334	~	37B			MOSAIC/MIRROR (DSP) INITIALIZED BLOCK FIXED							
37C	~	385			DISPLAY-TOP INITIALIZED BLOCK FIXED							
386	~	**3B5**			**SSG INITIALIZED BLOCK FIXED**							
386	00	-	-	02	;TV_MODE D2,D1=00: NTSC, 10=PAL							
387	03	-	-	-	;HCLR1(SSG_H COUNTER CLEAR1 ;H-START)- HIGH							
388	74	74	80	80	;LOW							
389	01	01	01	01	;HCLR2 (SSG_H COUNTER CLEAR2 ;H-MIDDLE)- HIGH							
38A	AD	AD	B8	B8	;LOW							
38B	00	00	00	00	;VCLR (SSG_V COUNTER CLEAR(T=H/2) -HIGH							
38C	09	0C	08	08	;LOW							
38D	02	02	02	02	;CBLK_V tf (CBLK V blanking START PHASE)-HIGH							
38E	09	09	70	70	;LOW							
38F	2A	2A	33	33	;CBLK_V tr (CBLK V blanking END PHASE)							
390	00	-	-	-	;TKEY1_H tr (H DIRECTION TKEY1 START PHASE)-HIGH							
391	56	-	5C	65	;LOW							
392	03	-	-	-	;TKEY1_H tf (H DIRECTION TKEY1 END PHASE)-HIGH							
393	16	-	-	-	;LOW							
394	00	-	-	-	;TKEY2_H tr (H DIRECTION TKEY2 START PHASE)-HIGH							
395	5B	-	-	6A	;LOW							
396	03	-	-	-	;TKEY2_H tf (H DIRECTION TKEY2 END PHASE)-HIGH							
397	11	-	-	-	;LOW							
398	00	-	-	-	;TKEY1_V tr (V DIRECTION TKEY1 START PHASE)-HIGH							
399	29	18	20	1E	;LOW							
39A	00	01	01	01	;TKEY1_V tf (V DIRECTION TKEY1 END PHASE)-HIGH							
39B	FA	00	30	30	;LOW							
39C	00	-	-	-	;TKEY2_V tr (V DIRECTION TKEY2 START PHASE)-HIGH							
39D	23	1B	23	23	;LOW							
39E	00	-	01	01	;TKEY2_V tf (V DIRECTION TKEY2 END PHASE)-HIGH							
39F	F7	FD	2D	2D	;LOW							
3A0	43	-	-	-	;HSYNC tf (CSYNC PHASE1 ;T=1/fs)							
3A1	00	-	-	-	;HSYNC tr (CSYNC PHASE2 ;T=1/fs)-HIGH							
3A2	87	-	-	-	;LOW							
3A3	66	-	-	-	;EQ tr (CSYNC PHASE3 ;T=1/fs)							
3A4	22	-	-	-	;CAMERA MODE(REC); EN_CBLK tf (CBLK H blanking START PHASE, INTERNAL encoder)							
3A5	00	-	-	-	;CAMERA MODE(REC); EN_CBLK tr (CBLK H blanking END PHASE, INTERNAL encoder)-HIGH							
3A6	C5	C5	AD	AD	;LOW							
3A7	43	-	-	-	;OSDHD tr ;OSDHDSTARTPHASE(SCBLKSTARTPHASE; OSD)							
3A8	00	-	-	-	;OSDHD rf ;OSDHDENDPHASE(OSD)-HIGH							
3A9	87	87	87	87	;LOW							
3AA	25	25	25	25	;CBLK tr (CBLK blanking STARTPHASE)							
3AB	00	-	-	-	;CBLK tf (CBLK blanking ENDPHASE)-HIGH							
3AC	D5	D5	D9	E8	;LOW							
3AD	4F	4F	5C	5C	;CAMERA MODE(REC); LCDHD tf ,LCDHD STARTPHASE, LCD							
3AE	00	-	-	-	;CAMERA MODE(REC); LCDHD tr, LCDHD END PHASE, LCD -HIGH							
3AF	53	53	60	60	;LOW							

ADDR	NO-OSD-DISPLAY MODEL/DATA NTSC HI8	NTSC NOR	PAL HI8	PAL NOR	DISTANCE CONTENT D7	D6	D5	D4	D3	D2	D1	D0
3B6	~	3CC			ENCORDER INITIALIZED BLOCK DATA :FIXED							
3B6	0F	-	-	-	;IN-AREA SIGNAL LEVEL SELECT, VERTICAL blanking"							
3B7	21	-	-	-	;LPFSELECT,							
3B8	08	-	-	-	;Y FADE LEVEL							
3B9	00	-	-	-	;CHARA Y LEVEL (D4..D1: Y, D5..D8: GREEN)							
3BA	08	-	-	-	;R-Y FADE LEVEL							
3BB	88	-	-	-	;CHARA R-Y LEVEL (D4..D1: R-Y, D5..D8: GREEN)"							
3BC	08	-	-	-	;B-Y FADE LEVEL							
3BD	88	-	-	-	;CHARA B-Y LEVEL (D4..D1: B-Y, D5..D8: GREEN)							
3BE	00	-	-	-	;CAMERA MODE(REC) ; H resetPHASE-HIGH; S1 start point, S1(INTERNALSIGNAL);CHROMA SIGNAL							
3BF	47	48	47	47	;LOW							
3C0	01	-	-	-	;CHARA RGB level-HIGH, D1..4: R, D5..8:G, D9..12: B							
3C1	11	-	-	-	;LOW							
3C2	0C	-	-	-	;CHARA RGB G-level-HIGH, D1..4: R, D5..8:G, D9..12: B							
3C3	CC	-	-	-	;LOW							
3C4	04	-	-	-	; TEST CHANGE							
3C5	00	-	-	-	;K r-y/r-y -HIGH ,gain 4TIMES(0~1023/64)							
3C6	59	-	-	-	;LOW							
3C7	00	-	-	-	;K g-y/r-y -HIGH ,gain 4TIMES(0~1023/64)							
3C8	5A	-	-	-	;LOW							
3C9	00	-	-	-	;K b-y/b-y -HIGH ,gain 4TIMES(0~1023/64)							
3CA	92	-	-	-	;LOW							
3CB	00	-	-	-	;K g-y/b-y -HIGH ,gain 4TIMES(0~1023/64)"							
3CC	40	-	-	-	;LOW							
	LCD											
	EVF	CVF	EVF	CVF	NOTE: DATA SEPERATED BY CVF OR NON-CVF MODEL (ADR.3CD~ADDR.552)							
3CD	~	43C			LCD1(CVF/LCD) INITIALIZED BLOCK DATA :FIXED							
3CD	10	00	10	00	;SELECTER(D14=fastck_p 1:dotsck2tnsqo 0:dotsck NORMALLY,D13= sony_n , 0:sony							
3CE	00	00	00	00	;							
3CF	34	5E	35	60	;DOTSCK TEST DATA-HIGH (0~ 65535 SELECT ,8000h=2 DIV)							
3D0	DA	6B	C0	00	;LOW							
3D1	00	00	00	00	;MARUME COMPENSATION-HIGH							
3D2	00	00	00	00	;LOW							
3D3	00	00	00	00	;GAMMA 1-HIGH (D13~D1:GAMMA1 DATA[9..1] 0~511 SELECT, 1STEP							
3D4	3E	3E	3E	3E	;LOW							
3D5	C0	41	C0	41	;SAMPLING SYNCHRONIZE 1- HIGH							
3D6	01	00	01	00	;LOW							
3D7	15	11	15	11	;SAMPLING SYNCHRONIZE 2- HIGH							
3D8	26	22	26	22	;LOW							
3D9	00	00	00	00	;SETUP SETTING (D13~D9 :0~31 SELECT,)							
3DA	00	00	00	00	;							
					CVF CONTRAST/BRIGHT R/G/B ADJUST							
3DB	25	-	-	-	;CONTRAST(0~4TIMES 1/64 STEP 40hX1					CVF ADJUST		
3DC	25	-	-	-	;BRIGHT (R)					CVF ADJUST		
3DD	25	-	-	-	;BRIGHT (G)					CVF ADJUST		
3DE	25	-	-	-	;BRIGHT (B)					CVF ADJUST		
43D	~	452			LTG1(VCK1=LCD) TIMIMG DATA: FIXED							
453	~	476			LTG2(VCK2=LCD) TIMIMG DATA: FIXED							
477	~	49A			LTG3(LCD) TIMIMG DATA: FIXED							
49B	~	4BE			LTG4(LCD) TIMIMG DATA: FIXED							
4BF	~	4D6			LTG5(CLK=LCD) TIMIMG DATA: FIXED							
4D7	~	4EE			LTG6(ENABLE=LCD) TIMIMG DATA: FIXED							
4EF	~	506			LTG7(H.START=LCD) TIMIMG DATA: FIXED							

ADDR	NO-OSD-DISPLAY MODEL/DATA NTSC HI8	NTSC NOR	PAL HI8	PAL NOR	DISTANCE CONTENT D7	D6	D5	D4	D3	D2	D1	D0
507	~	51E			LTG8(V.START=LCD) TIMIMG DATA: FIXED							
537	~	556			LTG10(HCK1=LCD) TIMIMG DATA: FIXED							
51F	~	**536**			**LTG9(DIS-VD PULSE=LCD) TIMIMG DATA: FIXED**							**NON-CVF**
529	00	-	-	-	;							NON-CVF
52A	00	-	-	01	;							NON-CVF
52B	01	01	01	01	;DIS VD- HD FALLING TIMING SETTING-HIGH							NON-CVF
52C	59	4D	56	58	;DIS VD- HD FALLING TIMING SETTING-LOW							NON-CVF
563	~	56E			CAMERA MODE VERTICAL DIRECTION CONVERT LCD(LTG1) TIMING SETTING DATA FIXED							CASIO-LCD
563	C2	-	-	-	;VERTICAL CONVERT, OUTPUT CONVERT-LOW (CAMERA MODE-LTG1)					#42F		CASIO-LCD
564	04	-	-	-	; MCK	MOD	OEI	PAL	DCLK	#430	HIGH	CASIO-LCD
565	01	-	01	-	;VERTICAL CONVERTΩ√	LTG 1 EVEN				#431		CASIO-LCD
566	FF	-	FF	-	;					#432		CASIO-LCD
567	01	-	01	-	;VERTICAL CONVERT	LTG 1 ODD				#433		CASIO-LCD
568	FF	-	FF	-	;					#434		CASIO-LCD
569	00	-	00	-	;VERTICAL CONVERT	LTG 1 TOGGLE POINT 1				#435		CASIO-LCD
56A	36	-	36	-	;					#436		CASIO-LCD
56B	00	-	00	-	;VERTICAL CONVERT	LTG 1 EVEN				#437		CASIO-LCD
56C	02	-	02	-	;					#438		CASIO-LCD
56D	00	-	00	-	;VERTICAL CONVERT	LTG 1 ODD				#439		CASIO-LCD
56E	02	-	02	-	;					#43A		CASIO-LCD
56F	~	57A			CAMERA MODE HORIZENTAL DIRECTION CONVERT LCD (LTG1)TIMING SETTING DATA FIXED							CASIO-LCD
56F	C2	-	-	-	;HORIZENTAL DIRECTION CONVERT					#42F		CASIO-LCD
570	00	-	-	-	;					#430		CASIO-LCD
571	00	-	00	-	;HORIZENTAL DIRECTION CONVERT					#431		CASIO-LCD
572	02	-	02	-	;					#432		CASIO-LCD
573	00	-	00	-	;HORIZENTAL DIRECTION CONVERT					#433		CASIO-LCD
574	02	-	02	-	;					#434		CASIO-LCD
575	00	-	00	-	;HORIZENTAL DIRECTION CONVERT					#435		CASIO-LCD
576	36	-	36	-	;					#436		CASIO-LCD
577	01	-	01	-	;HORIZENTAL DIRECTION CONVERT					#437		CASIO-LCD
578	FF	-	FF	-	;					#438		CASIO-LCD
579	01	-	01	-	;HORIZENTAL DIRECTION CONVERT					#439		CASIO-LCD
57A	FF	-	FF	-	;					#43A		CASIO-LCD
57B	~	586			CAMERA MODE VER.L/HORIZENTAL DIRECTION CONVERT LCD (LTG1)TIMING SETTING DATA							CASIO-LCD
57B	C2	-	-	-	;VERTICAL/HORIZENTAL DIRECTION CONVERT(LTG1)					#42F		CASIO-LCD
57C	04	-	-	-	;					#430		CASIO-LCD
57D	00	-	00	-	;VERTICAL/HORIZENTAL DIRECTION CONVERT					#431		CASIO-LCD
57E	02	-	02	-	;					#432		CASIO-LCD
57F	00	-	00	-	;VERTICAL/HORIZENTAL DIRECTION CONVERT					#433		CASIO-LCD
580	02	-	02	-	;					#434		CASIO-LCD
581	00	-	00	-	;VERTICAL/HORIZENTAL DIRECTION CONVERT					#435		CASIO-LCD
582	36	-	36	-	;					#436		CASIO-LCD
583	01	-	01	-	;VERTICAL/HORIZENTAL DIRECTION CONVERT					#437		CASIO-LCD
584	FF	-	FF	-	;					#438		CASIO-LCD
585	01	-	01	-	;VERTICAL/HORIZENTAL DIRECTION CONVERT					#439		CASIO-LCD
586	FF	-	FF	-	;					#43A		CASIO-LCD
587	~	58A			VTR-PB SEARCH MODE LCD TIMING SETTING DATA FIXED							CASIO-LCD
587	30	-	-	-	;SEARCH/STILL, HV COUNTER TEST DATA-LOW					#3FD		CASIO-LCD
588	00	-	-	-	; HLD	VLD	ALO	ofe2	hf1	#3FE		CASIO-LCD
589	80	-	-	-	;SEARCH/STILL, SRT SIGNAL SHIFT -LOW					#409		CASIO-LCD
58A	02	-	-	-	; CSO	fps				#40A		CASIO-LCD

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
58B	~	5A2			LTG9(DIS-VD PULSE=CVF MODEL) TIMIMG DATA: FIXED							CVF
595	00	00	00	00	;							CVF
596	00	-	00	01	;							CVF
597	02	02	02	02	; DIS VD- HD FALLING TIMING SETTING-HIGH							CVF
598	6A	6A	65	6C	; DIS VD- HD FALLING TIMING SETTING-LOW							CVF
5A7	94	-	-	-	; CVF COM_DC		MICOM PIN 28 OUTPUT					CVF
5A8	52	-	-	-	; CVF COM_CRL		MICOM PIN 21 OUTPUT					CVF
5A9	47	47	47	47	; #3BF	EN_A04_0F	H reset -LOW				CASIO-LCD-PB	CVF-PB
5AA	1B	43	17	43	; #3AD	SSG_A04_DE	PB MODE H- START PULSE				CASIO-LCD-PB	CVF-PB
5AB	00	00	00	00	; #3AE	SSG_A04_DF	PB MODE H- END PULSE				CASIO-LCD-PB	CVF-PB
5AC	3B	47	42	47	; #3AF	SSG_A04_DF	PB MODE H- END PULSE				CASIO-LCD-PB	CVF-PB
5AD	~	5CD			CASIO LCD (CANON MODEL) SETTING							
5AD	00	-	-	-	; #3D3	GAMMA 1 HIGH						CASIO-LCD
5AE	3E	-	-	-	; #3D4	GAMMA 1 LOW						CASIO-LCD
5AF	2E	-	-	-	; #3DB	CONTRAST(0~4TIMES 1/64 STEP 40hX1						CASIO-LCD
5B0	00	-	-	-	; #3DC	BRIGHT (R) , BRIGHT 0~255 :00h SETTING IS +0 bright ADJUST						CASIO-LCD
5B1	00	-	-	-	; #3DD	BRIGHT (G) , BRIGHT 0~255:00h SETTING IS +0 bright ADJUST						CASIO-LCD
5B2	00	-	-	-	; #3DE	BRIGHT (B) , BRIGHT 0~255: 00h SETTING IS +0 bright ADJUST						CASIO-LCD
5B3	00	-	-	-	; #3E3	GAMMA 2 HIGH						CASIO-LCD
5B4	40	-	-	-	; #3E4	GAMMA 2 LOW						CASIO-LCD
5B5	80	-	-	-	; #3E5	R GAIN						CASIO-LCD
5B6	80	-	-	-	; #3E6	G GAIN						CASIO-LCD
5B7	70	-	-	-	; #3E7	B GAIN						CASIO-LCD
5B8	50	-	-	-	;	LCD COM_DCMICOM PIN 28 OUTPUT						CASIO-LCD
5B9	60	-	-	-	;	LCD COM_CRLMICOM PIN 21 OUTPUT						CASIO-LCD
5BA	34	34	54	54	;	STEP R GAIN LCD USER ADJUST						CASIO-LCD
5BB	34	34	54	54	;	STEP G GAIN						CASIO-LCD
5BC	34	34	54	54	;	STEP B GAIN						CASIO-LCD
5BD	55	-	-	-	;							CASIO-LCD
5C0	00	-	-	-	; #4D7	CAM MODE- VERTICAL CONVERT						CASIO-LCD
5C1	1D	-	1D	-	; #4D8	#4D7~#4D8:COMMAND						CASIO-LCD
5C2	00	-	-	-	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD
5C3	18	-	1D	1D	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD
5C4	00	-	00	00	; #4D7	PB MODE MODE -LCD VERTICAL SIZE SIZE						CASIO-LCD
5C5	16	-	16	16	; #4D8	(H SIZE# 690)						CASIO-LCD
5C6	00	-	00	00	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD
5C7	0D	-	17	17	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD
5CA	00	-	-	-	; #4D7	VTR-PB MODE VERTICAL/HORIZENTAL DIRECTION CONVERT						CASIO-LCD
5CB	1D	-	1D	-	; #4D8							CASIO-LCD
5CC	00	-	-	-	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD
5CD	0F	-	15	15	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD
5EC	59	-	-	-	;	K r-y/r-y -HIGH ,gain 4TIMES(0~1023/64)				#3C6		CVF
5ED	5A	-	-	-	;	K g-y/r-y -HIGH ,gain 4TIMES(0~1023/64)				#3C8		CVF
5EE	92	-	-	-	;	K b-y/b-y -HIGH ,gain 4TIMES(0~1023/64)				#3CA		CVF
5EF	40	-	-	-		K g-y/b-y -HIGH ,gain 4TIMES(0~1023/64)				#3CC		CVF
5F9	66	-	66	66	; #4F0	PB MODE						CVF
5FA	66	-	66	66	; #4F6	PB MODE						CVF
5FB	71	-	71	71	; #4FC	PB MODE						CVF
5FC	71	-	71	71	; #502	PB MODE						CVF
600	~	67F			DIS REGISTER							
600	48	-	-	-	DIS_ON	ZOOM_ON	LSSC_ON	MIRR_ON	PIP_ON	POWER	PIP_MIRR	BYPASS
601	8C	-	-	-	FRAME	STILL1	STILL2	CEDGE_ON	APT_ON	OSD_ON	TRA_ON	GAMA_ON

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
602	20	00	60	40	DVC	PAL	HIGH	FLD_SEL	BIST	PN_SEL	CUR_HOLD	CLEAR
603	00	-	-	-	KX (7:0) HORIZONTAL ZOOM COEFFICENT VALUE							
604	00	-	-	-	KY (7:0) VERTICAL ZOOM COEFFICENT VALUE							
605	85	5E	83	5E	SP_H (7:0) HORIZONTAL START POINT FOR ZOOM							
606	11	10	16	14	SP_V (7:0) VERTICAL START POINT FOR ZOOM							
607	03	F0	00	00	WIDTH (7:0) HORIZONTAL WIDTH LSB							
608	03	01	03	02	X	X	X	X	X	X	WIDTH (9:8)	WIDTH MSB
609	F5	F5	22	22	HEIGHT [7:0] VERTICAL HEIGHT LSB							
617	3D	3D	63	3D	OUT_OFF (7:0) FIELD MEMORY1 HORIZONTAL OUTPUT S/P							
618	3D	3D	63	3D	OUT_OFF1 (7:0) FIELD MEMORY1 HORIZONTAL OUTPUT S/P							
619	08	08	-	-	GR_MODE (7:4) INTERNAL IMAGE SELECT MODE						OSD_VAL (3:0)	
61A	8B	8B	8E	8E	CLK2_SEL	CLK2_SEL (6:0) CLK DELAY ADJUST						
61B	60	60	2C	2C	S1S2_SEL0	CRCB_SEL0	S1S2_SEL1	CRCB_SEL1	LINE_SEL0	LINE_SEL1	LINE_SEL2	LINE_SEL3
61C	02	02	03	02		OSD_SEL (7:5)		HVD_ADJ				
673	38	38	38	38	PTHRESH (7:0) DIGITAL CLAMP THRESHOLD VALUE FROM MICOM							
674	04	04	04	04	POFFSET (7:0) DIGITAL CLAMP OFFSET VALUE FROM MICOM							
675	03	-	-	-	PCMD (7:0) PREPROCESS COMMAND FROM MICOM							
676	00	-	-	-	PRAMIL (7:0) DEFECT POSITION VALUE(7:0) FROM MICOM							
677	00	-	-	-	PRAMIM (16:8) DEFECT POSITION VALUE(15:8) FROM MICOM							
678	00	-	-	-	X	X	X	X	PRAMIM (19:16) DEFECT POSITION FROM MICOM			
679	00	-	-	-	X	X	PRAMA_MI (5:0) LINE MEMORY ADDRESS FROM MICOM					
67A	00	-	-	-	;DIS;FACTOR AT BLC ON CONDTION							
67B	00	-	-	-	;DIS;FACTOR AT BLC ON CONDTION							
67C	10	-	-	-	;DIS;CCD DEFECT COMPENSATION DIGITAL CLAMP LEVEL#674							
67D	D0	-	-	-	;DIS; DIS ON AGC AE TARGET DOWN PERCENT							
67E	F4	-	-	-	;DIS;WIGHT WHEN DECREASE							
67F	00	-	-	-	;DIS; STEP CONTROL '00~88'							
680	~	**7FF**			**VTR PART ADDRESS & DATA [061~067 & 680~7FF]**							
690	1B	1B	17	17	;PB MODE HDIRECTION START PULSE							
691	00	-	-	-	;PB MODE HDIRECTION END PULSE							
692	3B	3B	42	42	;PB MODE HDIRECTION END PULSE							
693	07	-	-	-	;PB MODE(CAM/TG/DEMOD/AD) - STD2							
694	FC	-	-	-	;PB MODESTD1							
695	03	-	-	-	;PB MODE(RCON/DISP) - LCD CLOSE(LCD POWER OFF D5 = %%1%%)							
696	C3	-	-	-	; PB MODE							
697	00	-	-	-	;PB MODE(SRAM) - LCD CLOSE(LCD POWER OFF D9 = %%1%%)							
698	00	-	-	-	; PB MODE							
699	00	-	-	-	; PB MODE							
69A	01	-	-	-	; PB MODE							
69B	00	-	-	-	; PB MODE							
69C	0F	-	-	-	; PB MODE							
69D	14	-	-	-	; PB MODE							
69E	7F	-	-	-	; PB MODE							
69F	03	-	-	-	; PB MODE							
6A0	FF	-	-	-	;							
6A1	07	07	00	04	; PB MODE	SCK CNT"SCK MASK(NTSC1820fH/3,PAL1824fH/3)						
6A2	02	02	03	02	; PB MODE	TG HCYCLE	TG: H CYCLE SETTING (T=1/fs) : D11 ~ D9					
6A3	5D	5D	8F	5F	;	TG HCYCLE	TG: H CYCLE SETTING (T=1/fs) : D8 ~ D1					
6B0	00	-	-	-	;BACKUP_EMG_L	VCR EEPROM DATA(LITHIUM BACKUP AREA)						
6B1	00	-	-	-	;BACKUP_EMG_H							
6B2	00	-	-	-	;BACKUP_TTLSELDATA							
6B3	00	-	-	-	;BACKUP_TITLEDSPCUSSTATE(DISP_OFF)//SAMSUNG							
6B4	00	-	-	-	;BACKUP_TITLEDSPSTATE(DISP_OFF)//CANON							

ADDR	NO-OSD-DISPLAY MODEL/DATA				DISTANCE CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
6B5	00	-	-	-	;BACKUP_DTIMEDSPSTATE(DISP_OFF)//CANON							
6B6	00	-	-	-	;BACKUP_PAEDATA(AUTO)							
6B7	00	-	-	-	;BACKUP_DSEDATA(AUTO)							
6B8	00	-	-	-	;BACKUP_PBDSEDATA(AUTO)							
6B9	11	-	-	-	;BACKUP_USERBRIGHT							
6BA	11	-	-	-	;BACKUP_USERCOLOR							
6BB	0B	-	-	-	;BACKUP_USERVOLUME							
6BC	00	-	-	-	; RESERVE							
6BD	00	-	-	-	; RESERVE							
6BE	00	-	-	-	; RESERVE							
6BF	12	-	-	-	; RESERVE							
6C0	00	-	-	-	;TAPECOUNTER0							
6C1	00	-	-	-	;TAPECOUNTER1							
6C2	00	-	-	-	;TAPECOUNTER2							
6C3	00	-	-	-	;TAPECOUNTER3							
6C4	2B	-	-	-	;BACKUP_FLAG0							
6C5	07	-	-	-	;BACKUP_FLAG1							
6C6	4D	-	-	-	;BACKUP_FLAG2							
6C7	FF	-	-	-	;							
6C8	80	-	-	-	; ;data low							
6C9	00	-	-	-	; ;data high							
6CA	80	-	-	-	; ;data low							
6CB	00	-	-	-	; ;data high							
700	20	20	78	78	;CAM MODE(REC/RECP/STOP) : D1~D8							
701	10	-	-	-	;CAM MODE(REC/RECP/STOP) : D9~D16							
702	00	-	-	-	;CAM MODE(REC/RECP/STOP) : D17~D24							
703	00	-	-	-	;CAM MODE(REC/RECP/STOP) : D25~D32							
704	29	-	-	-	;CAM MODE(REC/RECP/STOP) : D33~D40							
705	77	-	-	-	;CAM MODE(REC/RECP/STOP) : D41~D48							
706	88	-	-	-	;CAM MODE(REC/RECP/STOP) : D49~D56							
707	1B	-	-	-	;CAM MODE(REC/RECP/STOP) : D57~D64							
708	88	-	-	-	;CAM MODE(REC/RECP/STOP) : D65~D72							
709	C2	-	-	-	;CAM MODE(REC/RECP/STOP) : D73~D80							
70A	00	-	-	-	;CAM MODE(REC/RECP/STOP) : D81~D88							
70B	6A	-	-	-	;CAM MODE(REC/RECP/STOP) : D89~D96							
70C	23	23	13	13	;CAM MODE(REC/RECP/STOP) : D97~D104							
70D	1B	-	-	-	;CAM MODE(REC/RECP/STOP) : D105~D112							
70E	9F	-	-	-	;CAM MODE(REC/RECP/STOP) : D113~D120							
70F	50	-	-	-	;CAM MODE(REC/RECP/STOP) : D121~D128							
710	21	21	79	79	;NORMALLYPB PB/EDIT-PB : D1~D8							
711	16	16	1E	1E	;NORMALLYPB PB/EDIT-PB : D9~D16							
712	05	05	1B	1B	;NORMALLYPB PB/EDIT-PB : D17~D24							
713	2E	-	-	-	;NORMALLYPB PB/EDIT-PB : D25~D32							
714	29	29	27	27	;NORMALLYPB PB/EDIT-PB : D33~D40							
715	25	-	-	-	;NORMALLYPB PB/EDIT-PB : D41~D48							
716	89	89	8A	8A	;NORMALLYPB PB/EDIT-PB : D49~D56							
717	1C	-	-	-	;NORMALLYPB PB/EDIT-PB : D57~D64							
718	80	-	-	-	;NORMALLYPB PB/EDIT-PB : D65~D72							
719	B0	-	-	-	;NORMALLYPB PB/EDIT-PB : D73~D80							
71A	10	-	-	-	;NORMALLYPB PB/EDIT-PB : D81~D88							
71B	10	-	-	-	;NORMALLYPB PB/EDIT-PB : D89~D96							
71C	99	-	-	-	;NORMALLYPB PB/EDIT-PB : D97~D104							
71D	24	-	-	-	;NORMALLYPB PB/EDIT-PB : D105~D112							

ADDR	NO-OSD-DISPLAY MODEL/DATA NTSC HI8	NTSC NOR	PAL HI8	PAL NOR	DISTANCE CONTENT D7	D6	D5	D4	D3	D2	D1	D0
71E	48	-	-	-	;NORMALLYPB PB/EDIT-PB : D113~D120							
71F	14	-	-	-	;NORMALLYPB PB/EDIT-PB : D121~D128							
720	00	-	-	-	;NORMALLYPB PB/EDIT-VRPB : D89~D96							
721	17	17	1F	1F	;NORMALLYPB STIL/E-STIL : D9~D16							
722	18	-	-	-	;NORMALLYPB STIL/E-STIL : D17~D24							
723	2E	-	-	-	;NORMALLYPB STIL/E-STIL : D25~D32							
724	9D	-	-	-	;NORMALLYPB STIL/E-STIL : D41~D48							
725	00	-	-	-	;NORMALLYPB STIL/E-STIL : D89~D96							
726	1B	-	-	-	;NORMALLYPB STIL/E-STIL : D105~D112							
727	9D	-	-	-	;NORMALLYPB CUE/REV/E-CUE/E-REV : D41~D48							
728	B0	-	-	-	;NORMALLYPB CUE/REV/E-CUE/E-REV : D73~D80							
745	24	24	7C	7C	;HI8 CAM(REC/RECP/STOP):D1~D8							
746	C9	C9	E9	E9	;HI8 CAM(REC/RECP/STOP):D33~D40							
747	77	-	-	-	;HI8 CAM(REC/RECP/STOP):D41~D48							
748	88	-	-	-	;HI8 CAM(REC/RECP/STOP):D49~D56							
749	88	-	-	-	;HI8 CAM(REC/RECP/STOP):D65~D72							
74A	C2	-	-	-	;HI8 CAM(REC/RECP/STOP):D73~D80							
74B	03	-	-	-	;HI8 CAM(REC/RECP/STOP):D81~D88							
74C	29	-	-	-	;HI8 CAM(REC/RECP/STOP):D89~D96							
74D	00	-	-	-	;HI8 CAM(REC/RECP/STOP):D113~D120							
74E	50	-	-	-	;HI8 CAM(REC/RECP/STOP):D121~D128							
74F	A4	-	-	-	;HI8-PB(PB/EDIT-PB) : D33~D40							
750	45	-	-	-	;HI8-PB(PB/EDIT-PB):D41~D48				PB ENHANCER			
751	89	89	8A	8A	;HI8-PB(PB/EDIT-PB):D49~D56							
752	80	-	-	-	;HI8-PB(PB/EDIT-PB):D65~D72							
753	D4	-	-	-	;HI8-PB(PB/EDIT-PB):D73~D80							
754	A9	-	99	99	;HI8-PB(PB/EDIT-PB):D97~D104							
755	49	49	49	49	;HI8-PB(PB/EDIT-PB):D113~D120							
756	0C	-	-	-	;HI8-PB(PB/EDIT-PB):D121~D128							
757	0D	-	-	-	;HI8-PB(STILL/E-STILL):D41~D48							
758	0D	-	-	-	;HI8-PB(CUE/REV/E-CUE/E-REV):D41~D48							
759	B4	-	-	-	;HI8-PB(CUE/REV/E-CUE/E-REV):D73~D80							
776	10	-	-	-	;NORMALLY AND N/M-PAL PB/SEARCH MODE HI8ME:D113~D120(D90~D91)							
777	60	-	-	-	;TBC OFF : D89~D96: D94~D95							
778	1B	-	-	-	;TBC OFF : D105~D112 ; D105~D112							
779	5B	-	-	-	;PAL60 TBCOFF : D97~D104 ; D97~D100							
77A	5B	-	-	-	;"NORMALLY,M/N_PAL MODE TBC OFF:D97~D104 ; D97~D100"							
77B	92	92	12	12	;LCD OPEN SKEW :D88= 1 SETTING							
77C	12	-	-	-	;" NOT USED;NORMALLY AND N/M_PAL VRPB,STILL,SEARCH ; D81~D88"							
77D	12	-	-	-	;" NOT USED;PAL60 VRPB,STILL,SEARCH ; D81~D88"							
77E	00	-	-	-	; NOT USED							
77F	00	-	-	-	; NOT USED							
780	80	80	86	86	;CAM FADE MUTE LEVEL							
781	20	20	24	24	;CAM PEDESTAL LEVEL				CAMERA SYNC LEVEL			
782	0A	-	-	-	;FMEQ CONTROL LB,HB CURVE AND LIMITER							
783	3C	-	-	-	;PB/LB CONVERT COMPENSATION TRAP DEPTH				CAMERA B-Y BURST LEVEL			
784	59	59	64	64	;CAM B-Y BURST LEVEL				CAMERA R-Y BURST LEVEL			
785	80	80	9C	9C	;CAM R-Y BURST LEVEL							
786	4A	4A	40	40	;PB TBC OFF:PEDESTAL LEVEL							
787	0E	0E	06	06	;PB TBC OFF:PB SYNC LEVEL							
788	18	-	-	-	;SYNC SEP&AF ZONE ADD LEVEL							
789	38	-	-	-	;Y AND CAM Y CLIP LEVEL							
78A	08	-	-	-	;CAM SYNC CUT LEVEL							
78B	10	-	-	-	;C RF OUTPUT A/D SETTING							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
78C	20	-	-	-	;TRIC DO DETECTION LEVEL							
78D	3B	-	-	-	;PB DO DETECTION LEVEL							
78E	FF	-	-	-	;FCNR/C DEEMPHA/C EMPHA LIMITER							
78F	FB	-	-	-	;PB_C ENHANCER/CNR/C GAINSETTINGCLIP							
790	B8	-	-	-	;PB BLUE BACKSIGNAL B-Y LEVEL							
791	6E	-	-	-	;PB BLUE BACKSIGNAL R-Y LEVEL					PB B-Y BURST LEVEL		
792	59	59	64	64	;ffapc B-Y BURST LEVEL					PB R-Y BURST LEVEL		
793	80	80	9C	9C	;ffapc R-Y BURST LEVEL							
794	15	-	-	-	;TBC SYNC LEVEL							
795	AC	-	-	-	;TBC LB °§H B SYNC CUT LEVEL							
796	59	59	64	64	;TBC B-Y BURST LEVEL					PB B-Y BURST LEVEL		
797	80	80	9C	9C	;TBC R-Y BURST LEVEL					PB R-Y BURST LEVEL		

CHANGED DATA BY MODEL

ADDR	MODEL/DATA				CONTENT	APPLY MODELS
	NTSC		PAL			
	HI8	NOR	HI8	NOR		
001		C6	C6	C6	OPTION(DIS MODEL)	VP-L630/VP-L650/SCL630/SCL650
		46		46	OPTION(NON-DIS MODEL)	VP-L600/VP-L610/SCL610
021		08	08	08	AGC ON H ENHANCER	VP-L630/VP-L650/SCL630/SCL650
		05		05	AGC ON H ENHANCER	VP-L600/VP-L610/SCL610
031		08	08	08	AGC ON H CORE LEVEL	VP-L630/VP-L650/SCL630/SCL650
		05		05	AGC ON H CORE LEVEL	VP-L600/VP-L610/SCL610
032		08	08	08	AGC ON V CORE LEVEL	VP-L630/VP-L650/SCL630/SCL650
		05		05	AGC ON V CORE LEVEL	VP-L600/VP-L610/SCL610

NOTE: NTSC HI8 ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL) DATA

NOTE: NTSC NORMAL ADDR.3CD~552 :CVF MODEL (CVF ONLY:HI8/NORMAL) DATA

NTSC HI8 MODEL INITIAL DATA (000~7FF)

NTSC HI8 ; 0 PAGE DATA(000~0FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	00	C6	67	A5	70	08	11	11	03	B0	75	3D	85	50	02	1C	//	f
	30	00	F7	01	80	D2	01	74	A0	05	D0	0B	80	B0	98	A8	//	1f
	60	08	00	E5	80	38	A0	90	A0	48	48	80	80	30	40	30	//	2f
	40	08	08	12	01	23	00	B4	01	20	01	0A	01	52	01	28	//	3f
	64	43	C6	A0	9A	3E	6A	30	30	8E	94	20	00	08	00	80	//	4f
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	48	//	5f
	A0	00	1C	77	50	01	00	00	F5	19	09	1A	80	87	00	85	//	6f
	00	83	50	7C	09	11	10	68	F6	12	04	12	04	6C	60	60	//	7f
	1B	29	0C	02	A0	0E	39	47	54	8C	87	92	FF	93	50	01	//	8f
	00	00	32	00	DD	B8	31	66	36	16	00	11	3D	14	3D	3F	//	9f
	3D	B4	90	01	98	01	D2	00	F3	01	6C	81	21	87	07	0C	//	af
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	D0	89	60	//	bf
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df
	1F	00	00	2B	00	DF	00	88	09	32	00	DF	00	F9	D4	ED	//	ef
	01	03	01	80	81	FF	FF	00	01	F6	02	77	03	C9	02	60	//	ff

NTSC HI8 ; 1 PAGE DATA(100~1FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	03	02	04	00	00	39	07	02	00	//	11f
	00	0D	12	00	01	0A	00	06	02	5D	01	2F	23	00	23	03	//	12f
	1D	03	1D	0F	17	00	70	01	28	01	2E	02	0C	09	01	06	//	13f
	0B	13	07	08	01	00	00	F1	11	28	35	4C	00	01	00	01	//	14f
	00	08	02	00	00	13	25	1F	31	2B	0D	37	19	17	04	0D	//	15f
	0A	13	10	01	16	07	11	28	35	4C	05	55	45	55	15	15	//	16f
	15	55	00	00	00	00	01	61	01	00	00	04	00	04	00	00	//	17f
	00	61	00	01	00	14	00	00	00	00	00	00	30	00	00	00	//	18f
	17	04	0D	0A	13	10	01	16	07	00	00	00	00	00	00	00	//	19f
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	7E	//	1af
	00	83	00	23	00	00	00	7A	00	77	00	00	00	00	00	00	//	1bf
	02	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef
	90	00	90	00	90	00	90	00	F0	00	30	00	48	00	00	01	//	1ff

NTSC HI8 ; 2 PAGE DATA(200~2FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	01	1F	00	06	//	21f
	00	EC	00	00	00	00	1A	00	02	60	01	04	0F	01	0F	1C	//	22f
	01	00	15	04	06	01	0B	16	00	13	3F	05	0F	00	08	32	//	23f
	09	01	BB	00	10	00	00	00	1F	00	02	00	01	FF	01	FF	//	24f
	01	FF	01	FF	04	CF	00	FF	02	BB	03	3B	01	EB	07	E0	//	25f
	00	FF	04	D5	01	BF	07	B3	05	83	00	7F	03	53	03	43	//	26f
	03	36	00	AA	01	F3	01	18	12	04	0A	01	FF	00	00	00	//	27f
	01	10	00	A0	01	10	01	11	01	40	01	20	B2	05	1A	00	//	28f
	01	00	00	00	6A	00	2D	00	60	00	88	00	00	00	00	00	//	29f
	00	01	00	00	A8	00	04	3F	0B	00	00	00	01	00	00	86	//	2af
	01	0D	00	54	00	CA	01	00	01	18	00	8C	FE	05	04	01	//	2bf
	00	00	00	6B	00	07	0D	13	1A	1A	00	00	08	00	C4	01	//	2cf
	1C	00	19	02	00	00	05	05	0E	0E	0E	05	00	0B	00	FE	//	2df
	00	00	20	21	00	1C	9B	3F	8A	0A	95	40	03	12	04	02	//	2ef
	00	C8	01	15	00	12	00	79	03	00	00	00	00	00	01	01	//	2ff

NTSC HI8 ; 3 PAGE DATA(300~3FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f
	00	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f
	00	FF	81	00	00	0C	00	02	FF	FF	F5	02	01	00	08	00	//	32f
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	FF	//	33f
	00	0F	00	0F	01	00	00	00	03	03	FF	07	FF	00	00	00	//	34f
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f
	00	0B	01	02	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f
	44	88	88	99	99	08	00	03	74	01	AD	00	09	02	09	2A	//	38f
	00	56	03	16	00	5B	03	11	00	20	00	FA	00	23	00	F7	//	39f
	43	00	87	66	22	00	C5	43	00	87	25	00	D5	4F	00	53	//	3af
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	47	//	3bf
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	10	00	34	//	3cf
	DA	00	00	00	3E	C0	01	15	26	00	00	2A	25	25	25	00	//	3df
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	00	00	00	//	3ef
	00	00	17	00	FE	01	FF	01	FF	00	00	00	FE	20	00	00	//	3ff

NOTE: NTSC HI8 ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL)

NTSC HI8 ; 4 PAGE DATA(400~4FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	03	00	03	80	01	01	FF	01	FF	C0	02	20	16	00	00	01	//	40f
	FF	03	FF	01	FF	01	FF	00	16	01	FF	00	00	03	FF	01	//	41f
	FF	01	FF	00	16	00	00	40	00	03	FF	01	FF	01	FF	A0	//	42f
	36	01	FF	01	FF	00	36	00	02	00	02	00	36	01	FF	41	//	43f
	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	//	44f
	FF	01	FF	20	16	00	00	00	00	03	FF	01	FF	01	FF	03	//	45f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	00	16	00	00	40	//	46f
	00	03	FF	01	FF	01	FF	20	10	01	FF	41	FF	03	FF	01	//	47f
	FF	01	FF	00	44	01	FF	41	FF	03	FF	01	FF	01	FF	03	//	48f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	44	01	FF	41	//	49f
	FF	03	FF	01	FF	01	FF	00	08	01	FF	41	FF	03	FF	01	//	4af
	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	//	4bf
	3A	00	00	00	00	03	FF	01	FF	01	FF	00	4E	00	00	00	//	4cf
	00	03	FF	01	FF	01	FF	00	16	00	17	00	17	03	FF	01	//	4df
	FF	01	FF	00	28	00	17	00	17	03	FF	01	FF	01	FF	20	//	4ef
	25	01	FF	41	FF	01	68	01	FF	41	FF	00	08	01	FF	41	//	4ff

NTSC HI8 ; 5 PAGE DATA(500~5FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	03	FF	01	FF	01	FF	20	19	01	FF	41	FF	03	FF	01	//	50f
	FF	01	FF	00	25	01	FF	41	FF	03	FF	01	FF	01	FF	00	//	51f
	00	00	0A	00	0A	00	B0	03	FF	00	00	01	5A	00	00	03	//	52f
	FF	03	FF	01	FF	01	FF	81	2C	01	FF	81	FF	01	2D	01	//	53f
	FF	C1	FF	01	36	01	FF	81	FF	01	37	01	FF	C1	FF	01	//	54f
	FF	01	FF	00	88	02	C7	22	00	97	21	00	25	00	47	01	//	55f
	68	41	FF	C2	04	01	FF	01	FF	00	36	00	02	00	02	C2	//	56f
	00	00	02	00	02	00	36	01	FF	01	FF	C2	04	00	02	00	//	57f
	02	00	36	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f
	0A	01	21	03	FF	00	00	02	6A	00	00	03	FF	03	FF	01	//	59f
	FF	01	FF	FF	FF	FF	FF	94	52	47	1B	00	3B	00	3E	2E	//	5af
	00	00	00	00	40	80	80	70	50	60	34	34	34	55	FF	FF	//	5bf
	00	1D	00	18	00	16	00	0D	FF	FF	00	1D	00	0F	00	00	//	5cf
	01	04	01	04	04	04	03	02	55	55	88	44	00	04	00	03	//	5df
	00	10	00	03	00	03	00	12	2E	15	15	1A	59	5A	92	40	//	5ef
	01	03	C0	01	02	FF	80	80	70	66	66	71	71	FF	FF	FF	//	5ff

NTSC HI8 : 6 PAGE DATA(600~6FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	20	00	00	85	11	03	03	F5	00	65	02	71	00	A4	//	60f
	01	B8	00	06	03	03	00	65	65	08	8B	00	02	84	76	7E	//	61f
	04	2A	02	00	44	83	0D	00	02	14	02	F0	70	04	40	10	//	62f
	04	40	04	07	15	2C	4D	70	B4	F8	F8	04	07	15	2C	4D	//	63f
	70	B4	F8	F8	A5	15	F2	00	E0	02	DE	DE	00	C1	00	00	//	64f
	00	00	FA	00	33	88	21	48	11	A5	A5	68	E0	00	70	1B	//	65f
	E2	02	6B	1D	B9	3B	5C	22	A4	4A	76	10	E5	03	00	FF	//	66f
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f
	00	00	65	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f
	1B	00	3B	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f
	FF	00	03	8D	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf
	00	00	00	00	2B	07	4D	FF	80	00	80	00	FF	FF	FF	FF	//	6cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff

NTSC HI8 : 7 PAGE DATA(700~7FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	20	10	00	00	29	77	88	1B	88	C2	00	6A	23	1B	9F	50	//	70f
	21	16	05	2E	29	25	89	1C	80	B0	10	10	99	24	48	14	//	71f
	00	17	18	2E	9D	00	1B	9D	B0	E1	16	05	2E	29	25	89	//	72f
	13	84	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f
	9D	B0	81	1B	1B	24	C9	77	88	88	C2	03	29	00	50	A4	//	74f
	45	89	80	D4	A9	49	0C	0D	0D	B4	A4	05	89	84	D4	A9	//	75f
	49	0C	B4	00	49	2B	00	50	69	1C	00	50	00	00	00	00	//	76f
	04	34	34	34	34	10	10	60	1B	5B	5B	92	12	12	00	00	//	77f
	80	20	0A	3C	59	80	4A	0E	18	38	08	10	20	3B	FF	FB	//	78f
	B8	6E	59	80	15	AC	59	80	8C	7F	D4	C8	F9	6A	A4	0F	//	79f
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	AB	44	00	//	7af
	6C	6C	72	0C	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

NTSC NORMAL MODEL INITIAL DATA (000~7FF)

NTSC NORMAL : 0 PAGE DATA(000~0FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	01	46	67	A5	70	08	11	11	03	B0	75	3D	85	50	02	1C	//	f
	30	00	F6	00	FF	D2	01	74	A0	05	D0	0B	80	88	98	A8	//	1f
	60	05	00	E5	80	38	A0	90	A0	48	48	80	80	30	40	30	//	2f
	40	0B	0B	12	01	23	00	B4	01	20	01	2A	01	2B	01	28	//	3f
	64	43	C6	A0	9A	3E	6A	30	30	8E	94	20	00	08	00	80	//	4f
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	48	//	5f
	A0	00	1C	77	50	01	00	00	F5	19	09	1A	80	87	00	85	//	6f
	00	83	50	7C	09	11	10	68	F6	12	04	12	04	6C	60	60	//	7f
	1B	29	0C	02	A0	0E	39	47	54	8C	87	92	FF	93	50	01	//	8f
	00	00	32	00	DD	B8	31	66	36	16	00	10	3D	14	3D	3F	//	9f
	3D	B4	90	01	98	01	D2	00	F3	01	6C	81	21	87	07	0C	//	af
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	D0	89	60	//	bf
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df
	1F	00	00	2B	00	DF	00	88	09	32	00	DF	00	F9	D4	ED	//	ef
	01	02	01	80	81	FF	FF	00	01	F4	02	77	03	C9	02	60	//	ff

NTSC NORMAL ; 1 PAGE DATA(100~1FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	01	02	04	00	00	39	07	02	00	//	11f
	00	07	11	00	01	0A	00	06	02	5D	01	2F	23	00	23	03	//	12f
	1D	03	1D	0F	17	00	70	01	28	01	2E	02	0C	09	01	06	//	13f
	0B	13	07	08	01	00	00	F1	11	28	35	4C	00	01	00	01	//	14f
	00	08	02	00	00	13	25	1F	31	2B	0D	37	19	17	04	0D	//	15f
	0A	13	10	01	16	07	11	28	35	4C	05	55	45	55	15	15	//	16f
	15	55	00	00	00	00	01	61	01	00	00	04	00	04	00	00	//	17f
	00	61	00	01	00	14	00	00	00	00	00	00	30	00	00	00	//	18f
	17	04	0D	0A	13	10	01	16	07	00	00	00	00	00	00	00	//	19f
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	7E	//	1af
	00	83	00	23	00	00	00	7A	00	77	00	00	00	00	00	00	//	1bf
	02	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef
	90	00	90	00	90	00	90	00	F0	00	30	00	48	00	00	01	//	1ff

NTSC NORMAL ; 2 PAGE DATA(200~2FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	01	1F	00	06	//	21f
	00	EC	00	00	00	00	1A	00	02	60	01	04	0F	01	0F	18	//	22f
	01	00	15	04	06	01	0B	14	00	13	3F	05	0D	00	08	39	//	23f
	09	01	BB	00	10	00	00	00	1F	00	01	00	01	FF	01	FF	//	24f
	01	FF	01	FF	04	DF	00	FF	02	9B	03	3B	01	EB	07	E0	//	25f
	00	FF	04	D5	01	BF	07	B3	05	83	00	7F	03	83	03	3A	//	26f
	03	36	00	CA	01	F3	01	18	12	04	0A	01	FF	00	00	00	//	27f
	01	10	00	C0	01	03	01	10	01	4E	01	33	B2	05	1A	00	//	28f
	01	00	00	00	68	00	D2	00	40	00	88	00	00	00	00	00	//	29f
	00	01	00	00	A8	00	04	35	02	00	00	00	01	00	00	64	//	2af
	00	BE	00	56	00	CA	01	00	01	18	00	8C	FE	05	04	01	//	2bf
	00	00	00	69	00	05	09	0E	11	11	00	00	08	00	87	01	//	2cf
	1C	00	17	02	00	00	05	05	0E	0E	0E	0E	05	00	0B	00	FE	// 2df
	00	00	20	21	00	14	A8	44	90	10	A2	48	03	12	04	02	//	2ef
	00	A0	00	0E	00	12	00	79	02	00	00	00	00	00	01	01	//	2ff

NTSC NORMAL ; 3 PAGE DATA(300~3FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f
	00	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f
	00	FF	7F	00	00	0C	00	02	FF	FF	01	02	01	00	08	56	//	32f
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	FF	//	33f
	00	0F	00	0F	01	00	00	00	03	03	FF	07	FF	00	00	00	//	34f
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f
	00	0B	01	02	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f
	44	88	88	99	99	08	00	03	74	01	AD	00	0C	02	09	2A	//	38f
	00	56	03	16	00	5B	03	11	00	18	01	00	00	1B	00	FD	//	39f
	43	00	87	66	22	00	C5	43	00	87	25	00	D5	4F	00	53	//	3af
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	48	//	3bf
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	00	00	5E	//	3cf
	6B	00	00	00	3E	41	00	11	22	00	00	25	25	25	25	00	//	3df
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	02	00	00	//	3ef
	00	00	14	00	FC	01	FF	01	FF	02	00	01	20	20	00	00	//	3ff

NOTE: NTSC NORMAL ADDR.3CD~552 :CVF MODEL (CVF ONLY:HI8/NORMAL)

NTSC NORMAL ; 4 PAGE DATA(400~4FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	2C	00	2B	10	04	01	FF	01	FF	40	03	20	32	00	00	C1	//	40f
	FF	03	FF	01	FF	01	FF	00	32	00	00	01	FF	03	FF	01	//	41f
	FF	01	FF	00	32	00	00	40	00	03	FF	01	FF	01	FF	20	//	42f
	32	00	00	00	00	03	FF	01	FF	01	FF	03	FF	01	FF	01	//	43f
	FF	03	FF	01	FF	01	FF	00	32	00	00	40	00	03	FF	01	//	44f
	FF	01	FF	30	32	00	00	03	00	03	FF	01	FF	01	FF	00	//	45f
	32	01	FF	00	00	03	FF	01	FF	01	FF	00	32	00	00	40	//	46f
	00	03	FF	01	FF	01	FF	21	83	03	F1	03	F1	01	83	03	//	47f
	FF	03	F7	01	6A	00	F7	03	FF	03	FF	01	FF	01	FF	03	//	48f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	64	01	FF	41	//	49f
	FF	00	14	01	FF	41	FF	02	26	01	FF	41	FF	00	28	01	//	4af
	FF	41	FF	00	3C	01	FF	41	FF	00	50	01	FF	41	FF	00	//	4bf
	11	01	FF	41	FF	03	FF	01	FF	01	FF	00	38	01	FF	41	//	4cf
	FF	03	FF	01	FF	01	FF	20	38	01	FF	41	FF	00	11	01	//	4df
	FF	41	FF	00	11	01	FF	41	FF	03	FF	01	FF	01	FF	A0	//	4ef
	84	01	FF	81	FF	00	84	01	FF	C1	FF	00	95	01	FF	81	//	4ff

NTSC NORMAL ; 5 PAGE DATA(500~5FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	00	95	01	FF	C1	FF	21	90	00	1D	01	FF	01	90	01	//	50f
	FF	00	1C	01	90	00	1F	01	FF	01	90	01	FF	00	1E	00	//	51f
	00	00	0A	00	0A	00	B0	03	FF	00	00	01	4D	00	00	03	//	52f
	FF	03	FF	01	FF	01	FF	60	64	01	FF	C1	FF	00	62	01	//	53f
	FF	81	FF	00	6E	01	FF	C1	FF	00	6C	01	FF	81	FF	00	//	54f
	00	01	FF	00	88	02	C7	22	00	97	21	00	25	00	47	01	//	55f
	68	41	FF	C2	04	01	FF	01	FF	00	36	00	02	00	02	C2	//	56f
	00	00	02	00	02	00	36	01	FF	01	FF	C2	04	00	02	00	//	57f
	02	00	36	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f
	0A	01	21	03	FF	00	00	02	6A	00	00	03	FF	03	FF	01	//	59f
	FF	01	FF	FF	FF	FF	FF	94	52	47	43	00	47	00	3E	2E	//	5af
	00	00	00	00	40	80	80	70	50	60	34	34	34	55	FF	FF	//	5bf
	00	1D	00	18	00	16	00	0D	FF	FF	00	1D	00	0F	00	00	//	5cf
	01	04	01	04	04	04	03	02	55	55	88	44	00	04	00	03	//	5df
	00	10	00	03	00	03	00	12	2E	15	15	1A	59	5A	92	40	//	5ef
	01	03	C0	01	02	FF	80	80	70	66	66	71	71	FF	FF	FF	//	5ff

NTSC NORMAL ; 6 PAGE DATA(600~6FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	00	00	00	5E	10	F0	01	F5	00	92	01	80	00	A4	//	60f
	01	B8	00	06	03	03	00	3D	3D	08	8B	60	02	84	4C	54	//	61f
	04	2A	02	00	44	83	0D	00	12	04	02	F0	70	04	40	10	//	62f
	04	40	04	07	15	2C	4D	70	B4	F8	F8	04	07	15	2C	4D	//	63f
	70	B4	F8	F8	60	15	F2	00	FE	01	DE	DE	00	C1	00	00	//	64f
	00	00	06	00	33	88	21	48	11	A5	A5	68	E0	00	73	1E	//	65f
	EA	06	6A	20	BD	3F	5F	25	A8	4E	76	10	E5	03	00	FF	//	66f
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f
	00	00	65	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f
	1B	00	3B	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f
	FF	07	02	5D	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf
	00	00	00	00	2B	07	4D	FF	80	00	80	00	FF	FF	FF	FF	//	6cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff

NTSC NORMAL : 7 PAGE DATA(700~7FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	20	10	00	00	29	77	88	1B	88	C2	00	6A	23	1B	9F	50	//	70f
	21	16	05	2E	29	25	89	1C	80	B0	10	10	99	24	48	14	//	71f
	00	17	18	2E	9D	00	1B	9D	B0	E1	16	05	2E	29	25	89	//	72f
	13	80	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f
	9D	B0	81	1B	1B	24	C9	77	88	88	C2	03	29	00	50	A4	//	74f
	80	89	80	D4	A9	49	0C	0D	0D	B4	A4	05	89	84	D4	A9	//	75f
	49	0C	B4	95	49	2B	00	50	69	1C	00	50	00	00	00	00	//	76f
	04	34	34	34	34	10	10	60	1B	5B	5B	92	12	12	00	00	//	77f
	80	20	0A	3C	59	80	4A	0E	18	38	08	10	20	3B	FF	FB	//	78f
	B8	6E	59	80	15	AC	59	80	8C	7F	D4	C8	F9	6A	A4	0F	//	79f
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	AB	44	00	//	7af
	6C	6C	72	0C	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

NOTE: PAL HI8 ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL) DATA

NOTE: PAL NORMAL ADDR.3CD~552 :CVF MODEL (CVF ONLY:HI8/NORMAL) DATA

PAL HI8 MODEL INITIAL DATA (000~7FF)

PAL HI8 ; 0 PAGE DATA(000~0FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	02	C6	67	A5	70	08	11	11	03	B0	75	3D	85	50	02	1C	//	f
	30	01	23	01	78	D2	01	74	D0	05	D0	0B	80	B0	98	A8	//	1f
	60	08	00	E5	80	38	A0	90	A0	48	48	80	80	38	48	38	//	2f
	40	08	08	12	01	3B	00	D0	01	50	00	01	01	58	01	40	//	3f
	64	42	C6	AC	95	3D	60	30	30	94	9C	1A	00	08	00	80	//	4f
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	49	//	5f
	A0	00	1C	77	50	01	00	00	F5	1E	0B	1A	80	87	00	85	//	6f
	00	83	50	7C	09	00	10	68	F6	12	04	12	04	20	2C	2C	//	7f
	1B	29	0C	02	A0	0E	39	47	55	8C	87	92	FF	A7	50	01	//	8f
	00	00	32	01	4E	B8	31	66	36	16	00	17	7E	30	3E	4C	//	9f
	BB	96	A1	01	9C	01	B8	00	91	01	6C	81	21	87	07	0C	//	af
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	E0	89	60	//	bf
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df
	1F	00	00	36	01	0F	00	88	09	3C	01	0D	EC	FA	D1	E8	//	ef
	01	2F	01	78	00	FF	FF	00	01	F2	02	8E	03	B0	02	D0	//	ff

PAL HI8 ; 1 PAGE DATA(100~1FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	03	01	02	03	00	00	00	00	00	//	11f
	08	0C	16	00	01	02	00	06	03	8F	01	C7	32	00	32	02	//	12f
	31	02	31	17	23	00	A0	01	BC	01	C4	02	70	08	01	05	//	13f
	0A	13	06	07	01	00	03	C4	19	3C	51	74	00	01	00	95	//	14f
	00	06	02	00	00	17	32	29	44	3B	0E	4D	20	2A	05	16	//	15f
	10	21	1B	01	26	0C	19	3c	51	74	05	55	45	55	15	15	//	16f
	15	55	00	00	00	00	01	91	01	00	00	04	00	04	00	00	//	17f
	00	91	00	01	00	14	00	00	00	00	00	00	30	00	00	00	//	18f
	17	02	0E	08	14	0E	02	14	08	00	00	00	00	00	00	00	//	19f
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	77	//	1af
	00	85	00	32	00	00	00	00	00	00	00	00	00	00	00	00	//	1bf
	00	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef
	90	00	90	00	90	00	90	00	F0	00	30	00	6B	00	00	01	//	1ff

PAL HI8 ; 2 PAGE DATA(200~2FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	01	2E	00	06	//	21f
	01	1C	00	00	00	00	0C	00	02	60	0B	04	0F	01	0F	18	//	22f
	01	00	15	04	06	01	0B	12	00	13	3F	05	0F	00	08	37	//	23f
	09	01	C4	00	12	00	00	00	1F	00	02	00	01	FF	01	FF	//	24f
	01	FF	01	FF	04	BB	00	FF	03	C1	07	23	01	BC	07	61	//	25f
	00	FF	04	D0	01	D4	07	E8	05	AA	00	8D	03	90	03	45	//	26f
	03	38	00	B9	01	F0	01	18	12	04	0A	01	FF	00	00	00	//	27f
	01	3B	00	D0	01	50	00	01	01	68	01	40	B2	02	1E	00	//	28f
	01	00	00	00	6A	00	D2	00	60	00	88	00	00	00	00	00	//	29f
	00	01	00	00	A8	00	04	3F	0B	00	00	00	01	00	00	96	//	2af
	01	1A	00	68	00	F0	01	00	01	18	00	8C	FE	05	04	01	//	2bf
	00	00	00	6B	00	08	0D	15	1A	1A	00	00	08	00	C4	01	//	2cf
	1C	00	19	02	00	00	06	06	11	11	11	05	00	0C	01	2E	//	2df
	00	00	21	23	00	1C	A8	3F	8A	10	A2	30	03	12	04	02	//	2ef
	00	C8	01	15	00	12	00	91	03	00	00	00	00	00	01	01	//	2ff

PAL HI8 ; 3 PAGE DATA(300~3FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f
	83	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f
	00	FF	81	00	00	0C	00	04	FF	FF	F5	02	01	00	08	00	//	32f
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	F8	//	33f
	00	13	00	13	01	3F	00	00	03	03	FF	07	FF	00	00	00	//	34f
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f
	00	0B	01	3A	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f
	44	88	88	99	99	08	00	03	80	01	B8	00	08	02	70	33	//	38f
	00	5C	03	16	00	60	03	11	00	20	01	30	00	23	01	2D	//	39f
	43	00	87	66	22	00	AD	43	00	87	25	00	D9	5C	00	60	//	3af
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	47	//	3bf
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	10	00	35	//	3cf
	C0	00	00	00	3E	C0	01	15	26	00	00	2A	25	25	25	00	//	3df
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	00	00	00	//	3ef
	00	00	17	01	2F	00	12	00	14	00	8F	01	20	20	00	00	//	3ff

NOTE: PAL HI8 ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL)

PAL HI8 : 4 PAGE DATA(400~4FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	03	00	03	80	01	01	FF	01	FF	C0	02	20	16	00	00	01	//	40f
	FF	03	FF	01	FF	01	FF	00	16	01	FF	00	00	03	FF	01	//	41f
	FF	01	FF	00	16	00	00	40	00	03	FF	01	FF	01	FF	A0	//	42f
	36	01	FF	01	FF	00	36	00	02	00	02	00	36	01	FF	41	//	43f
	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	//	44f
	FF	01	FF	20	16	00	00	00	00	03	FF	01	FF	01	FF	03	//	45f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	00	16	00	00	40	//	46f
	00	03	FF	01	FF	01	FF	20	10	01	FF	41	FF	03	FF	01	//	47f
	FF	01	FF	00	44	01	FF	41	FF	03	FF	01	FF	01	FF	03	//	48f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	44	01	FF	41	//	49f
	FF	03	FF	01	FF	01	FF	00	08	01	FF	41	FF	03	FF	01	//	4af
	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	//	4bf
	3A	00	00	00	00	03	FF	01	FF	01	FF	00	4E	00	00	00	//	4cf
	00	03	FF	01	FF	01	FF	00	16	00	1C	00	1C	03	FF	01	//	4df
	FF	01	FF	00	28	00	1C	00	1C	03	FF	01	FF	01	FF	20	//	4ef
	25	01	FF	41	FF	01	68	01	FF	41	FF	00	08	01	FF	41	//	4ff

PAL HI8 : 5 PAGE DATA(500~5FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	03	FF	01	FF	01	FF	20	19	01	FF	41	FF	03	FF	01	//	50f
	FF	01	FF	00	25	01	FF	41	FF	03	FF	01	FF	01	FF	00	//	51f
	00	00	0A	00	0A	00	C0	03	FF	00	00	01	56	00	00	03	//	52f
	FF	03	FF	01	FF	01	FF	81	2C	01	FF	81	FF	01	2D	01	//	53f
	FF	C1	FF	01	36	01	FF	81	FF	01	37	01	FF	C1	FF	01	//	54f
	FF	01	FF	00	88	02	C7	22	00	AD	2B	00	2F	00	47	01	//	55f
	68	41	FF	C2	04	01	FF	01	FF	00	36	00	02	00	02	C2	//	56f
	00	00	02	00	02	00	36	01	FF	01	FF	C2	04	00	02	00	//	57f
	02	00	36	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f
	0A	01	40	03	FF	00	00	02	65	00	00	03	FF	03	FF	01	//	59f
	FF	01	FF	FF	FF	FF	FF	94	52	47	17	00	42	00	3E	2E	//	5af
	00	00	00	00	40	80	80	70	50	60	54	54	54	55	FF	FF	//	5bf
	00	1D	00	1D	00	16	00	17	FF	FF	00	1D	00	15	00	FF	//	5cf
	FF	FF	FF	FF	FF	FF	FF	FF	55	55	88	44	00	04	00	03	//	5df
	00	10	00	03	00	03	00	12	2E	15	15	1A	59	5A	92	40	//	5ef
	01	03	C0	01	02	FF	80	80	70	66	66	71	71	FF	FF	FF	//	5ff

PAL HI8 ; 6 PAGE DATA(600~6FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	60	00	00	83	16	00	03	22	01	70	02	A6	00	A3	//	60f
	02	B8	00	06	03	03	00	63	63	08	8E	2C	03	04	84	8C	//	61f
	04	2A	02	00	44	83	0D	00	1F	02	02	F0	70	04	40	10	//	62f
	04	40	08	0D	1B	32	57	82	C0	F0	F0	08	0D	1B	32	57	//	63f
	82	C0	F0	F0	C4	1E	16	01	94	02	DE	DE	00	C1	00	00	//	64f
	00	00	06	00	33	88	21	48	11	A5	A5	68	E0	00	8B	24	//	65f
	E8	02	81	26	B3	32	6F	2B	B3	5B	8D	10	DC	06	00	FF	//	66f
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f
	00	00	75	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f
	17	00	42	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f
	FF	00	03	8F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf
	00	00	00	00	2B	07	4D	FF	80	00	80	00	FF	FF	FF	FF	//	6cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff

PAL HI8 ; 7 PAGE DATA(700~7FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	78	10	00	00	29	77	88	1B	88	C2	00	6A	13	1B	9F	50	//	70f
	79	1E	1B	2E	27	25	8A	1C	80	B0	10	10	99	24	48	14	//	71f
	00	1F	18	2E	9D	00	1B	9D	B0	F1	16	1B	2E	27	25	8A	//	72f
	13	80	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f
	9D	B0	59	1B	1B	7C	E9	77	88	88	C2	03	29	00	50	A4	//	74f
	80	8A	80	D4	99	49	0C	0D	0D	B4	A4	05	8A	84	D4	99	//	75f
	49	0C	B4	95	49	2A	00	50	69	1C	00	50	00	00	00	00	//	76f
	04	34	34	34	34	10	10	60	1B	5B	5B	12	12	12	00	00	//	77f
	86	24	0A	3C	64	9C	40	06	18	38	08	10	20	3B	FF	FB	//	78f
	B8	6E	64	9C	15	AC	64	9C	8C	7F	D4	C8	F9	6A	A4	0F	//	79f
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	8B	44	00	//	7af
	7E	6C	72	0A	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

NOTE: PAL NORMAL ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:NORMAL/NORMAL) DATA
NOTE: PAL NORMAL ADDR.3CD~552 :CVF MODEL (CVF ONLY:NORMAL/NORMAL) DATA

PAL NORMAL MODEL INITIAL DATA (000~7FF)
PAL NORMAL ; 0 PAGE DATA(000~0FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	03	46	67	A5	70	08	11	11	03	B0	75	3D	85	50	02	1C	//	f
	30	01	23	00	FA	2D	01	74	D0	05	D0	0B	80	88	98	A8	//	f
	60	05	00	E5	80	38	A0	90	A0	48	48	80	80	30	40	30	//	2f
	40	0B	0B	12	01	50	00	D6	01	3E	00	13	01	70	01	44	//	3f
	64	52	C6	AA	95	3E	69	30	30	94	9A	1A	00	08	00	80	//	4f
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	48	//	5f
	A0	00	1C	77	50	01	00	00	F5	1E	0B	1A	80	87	00	85	//	9f
	00	83	50	7C	09	00	10	68	F6	12	04	12	04	20	2C	2C	//	7f
	1B	29	0C	02	A0	0E	39	47	54	8C	87	92	FF	C1	50	01	//	bf
	00	00	32	00	DD	B8	31	66	36	16	00	16	7E	30	3E	4C	//	6f
	60	96	A2	01	82	01	CC	00	E5	01	6C	81	21	87	07	0C	//	af
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	C8	89	60	//	1f
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	8f
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	4f
	1F	00	00	36	01	11	00	88	09	3C	01	0D	EF	FB	CA	E9	//	cf
	01	2B	01	78	7E	FF	FF	00	01	F2	02	8E	03	B0	02	D0	//	2f

PAL NORMAL ; 1 PAGE DATA(100~1FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	03	02	04	05	00	01	06	02	00	//	11f
	00	07	1C	00	01	0A	00	06	02	60	01	30	23	00	23	02	//	12f
	1D	02	1D	0F	17	00	6A	01	28	01	2E	02	70	07	01	06	//	13f
	09	11	06	07	01	00	00	F8	11	28	35	4D	00	01	00	01	//	14f
	00	06	02	00	00	13	25	1F	31	2B	0D	37	19	17	04	0D	//	15f
	0A	13	10	01	16	07	11	28	35	4D	05	55	45	55	15	15	//	16f
	15	55	00	00	00	00	01	61	01	00	00	04	00	04	00	00	//	17f
	00	61	00	01	00	13	00	00	00	00	00	00	30	00	00	00	//	18f
	17	04	0D	0A	13	10	01	16	07	00	00	00	00	00	00	00	//	19f
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	76	//	1af
	00	83	00	23	00	00	00	7B	00	50	00	00	00	00	00	00	//	1bf
	02	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef
	90	00	90	00	90	00	90	00	F0	00	30	00	48	00	00	01	//	1ff

PAL NORMAL ; 2 PAGE DATA(200~2FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	01	1F	00	06	//	21f
	01	1C	00	00	00	00	0C	00	02	60	01	04	0F	01	0F	18	//	22f
	01	00	15	04	06	01	0B	12	00	13	3F	05	0F	00	08	3E	//	23f
	09	01	C0	00	10	00	00	00	1F	00	02	00	01	FF	01	FF	//	24f
	01	FF	01	FF	04	DB	00	FF	02	A3	03	3B	01	E4	07	D0	//	25f
	00	FF	04	C5	01	D4	07	E7	05	AA	00	8D	03	8C	03	2C	//	26f
	03	40	00	C5	01	AE	01	1F	12	04	0A	01	FF	00	00	00	//	27f
	01	2A	00	E2	01	20	00	24	01	60	01	2D	B2	02	1D	00	//	28f
	01	00	00	00	69	00	2D	00	60	00	88	00	00	00	00	00	//	29f
	00	01	00	00	A8	00	04	35	02	00	00	00	01	00	00	60	//	2af
	00	B8	00	68	00	F0	01	00	01	18	00	8C	FE	05	04	01	//	2bf
	00	00	00	69	00	05	09	0E	11	11	00	00	08	00	85	01	//	2cf
	1C	00	17	02	00	00	06	06	11	11	11	05	00	0C	01	2E	//	2df
	00	00	21	23	00	1A	A6	3C	8F	10	A2	20	03	12	04	02	//	2ef
	00	A0	00	0E	00	12	00	91	02	00	00	00	00	00	01	01	//	2ff

PAL NORMAL ; 3 PAGE DATA(300~3FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f
	00	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f
	00	FF	7F	00	00	0C	00	08	FF	FF	01	02	01	00	08	56	//	32f
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	F8	//	33f
	00	13	00	13	01	3F	00	00	03	03	FF	07	FF	00	00	00	//	34f
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f
	00	0B	01	3A	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f
	44	88	88	99	99	08	02	03	80	01	B8	00	08	02	70	33	//	38f
	00	65	03	16	00	6A	03	11	00	1E	01	30	00	23	01	2D	//	39f
	43	00	87	66	22	00	AD	43	00	87	25	00	E8	5C	00	60	//	3af
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	47	//	3bf
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	00	00	60	//	3cf
	00	00	00	00	3E	41	00	11	22	00	00	25	25	25	25	00	//	3df
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	02	00	00	//	3ef
	00	00	14	01	2F	00	12	00	0E	00	92	01	30	20	00	00	//	3ff

NOTE: PAL NORMAL ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:NORMAL/NORMAL)

PAL NORMAL ; 4 PAGE DATA(400~4FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	32	00	31	10	04	01	FF	04	FF	40	03	28	32	00	00	C1	//	40f
	FF	03	FF	01	FF	01	FF	00	32	00	00	01	FF	03	FF	01	//	41f
	FF	01	FF	00	32	00	00	40	00	03	FF	01	FF	01	FF	20	//	42f
	32	00	00	00	00	03	FF	01	FF	01	FF	03	FF	01	FF	01	//	43f
	FF	03	FF	01	FF	01	FF	00	32	00	00	40	00	03	FF	01	//	44f
	FF	01	FF	30	32	00	00	03	00	03	FF	01	FF	01	FF	00	//	45f
	32	01	FF	00	00	03	FF	01	FF	01	FF	00	32	00	00	40	//	46f
	00	03	FF	01	FF	01	FF	21	83	03	F1	03	F1	01	83	03	//	47f
	FF	03	F7	01	6A	00	F7	03	FF	03	FF	01	FF	01	FF	03	//	48f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	64	01	FF	41	//	49f
	FF	00	14	01	FF	41	FF	02	26	01	FF	41	FF	00	28	01	//	4af
	FF	41	FF	00	3C	01	FF	41	FF	00	50	01	FF	41	FF	00	//	4bf
	11	01	FF	41	FF	03	FF	01	FF	01	FF	00	38	01	FF	41	//	4cf
	FF	03	FF	01	FF	01	FF	20	38	01	FF	41	FF	00	11	01	//	4df
	FF	41	FF	00	11	01	FF	41	FF	03	FF	01	FF	01	FF	A0	//	4ef
	84	01	FF	81	FF	00	84	01	FF	C1	FF	00	8F	01	FF	81	//	4ff

PAL NORMAL ; 5 PAGE DATA(500~5FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	00	8F	01	FF	C1	FF	21	90	00	24	01	FF	01	90	01	//	50f
	FF	00	24	01	90	00	26	01	FF	01	90	01	FF	00	26	00	//	51f
	00	00	0A	00	0A	00	80	03	FF	00	01	01	58	00	00	03	//	52f
	FF	03	FF	01	FF	01	FF	60	64	01	FF	C1	FF	00	62	01	//	53f
	FF	81	FF	00	6E	01	FF	C1	FF	00	6C	01	FF	81	FF	00	//	54f
	00	01	FF	00	88	03	B7	22	00	AD	2B	00	2F	00	47	01	//	55f
	68	41	FF	C2	04	01	FF	01	FF	00	36	00	02	00	02	C2	//	56f
	00	00	02	00	02	00	36	01	FF	01	FF	C2	04	00	02	00	//	57f
	02	00	36	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f
	0A	00	FF	03	FF	00	01	02	6C	00	00	03	FF	03	FF	01	//	59f
	FF	01	FF	FF	FF	FF	FF	94	52	47	43	00	47	00	3E	2E	//	5af
	00	00	00	00	40	80	80	70	50	60	54	54	54	55	FF	FF	//	5bf
	00	1D	00	1D	00	16	00	17	FF	FF	00	1D	00	15	00	FF	//	5cf
	FF	FF	FF	FF	FF	FF	FF	FF	55	55	88	44	00	04	00	03	//	5df
	00	10	00	03	00	03	00	12	2E	15	15	1A	59	5A	92	40	//	5ef
	01	03	C0	01	02	FF	80	80	70	66	66	71	71	FF	FF	FF	//	5ff

PAL NORMAL ; 6 PAGE DATA(600~6FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	40	00	00	5E	14	00	02	22	01	8D	01	A4	00	A3	//	60f
	02	B9	00	06	03	03	00	3D	3D	08	8E	2C	02	04	52	5A	//	61f
	04	2A	02	00	44	83	0D	00	1F	00	02	F0	70	04	40	10	//	62f
	04	40	08	0D	1B	32	57	82	C0	F0	F0	08	0D	1B	32	57	//	63f
	82	C0	F0	F0	60	1E	16	01	D0	01	DE	DE	00	C1	00	00	//	64f
	00	00	FA	00	33	88	21	48	11	A5	A5	68	E0	00	8B	24	//	65f
	E7	01	81	26	B2	31	6F	2B	A6	4E	8D	10	DC	06	00	FF	//	66f
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f
	00	00	75	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f
	17	00	42	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f
	FF	04	02	5F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf
	00	00	00	00	2B	07	4D	FF	80	00	80	00	FF	FF	FF	FF	//	6cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff

PAL NORMAL : 7 PAGE DATA(700~7FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	78	10	00	00	29	77	88	1B	88	C2	00	6A	13	1B	9F	50	//	70f
	79	1E	1B	2E	27	25	8A	1C	80	B0	10	10	99	24	48	14	//	71f
	00	1F	18	2E	9D	00	1B	9D	B0	F1	16	1B	2E	29	25	8A	//	72f
	13	80	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f
	9D	B0	59	1B	1B	7C	E9	77	88	88	C2	03	29	00	50	A4	//	74f
	80	8A	80	D4	99	49	0C	0D	0D	B4	A4	05	8A	84	D4	99	//	75f
	49	0C	B4	95	49	2A	00	50	69	1C	00	50	00	00	00	00	//	76f
	04	34	34	34	34	10	10	60	1B	5B	5B	12	12	12	00	00	//	77f
	86	24	0A	3C	64	9C	40	06	18	38	08	10	20	3B	FF	FB	//	78f
	B8	6E	64	9C	15	AC	64	9C	8C	7F	D4	C8	F9	6A	A4	0F	//	79f
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	8B	44	00	//	7af
	6C	6C	72	0C	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

4-2-2 Camera System Adjustment

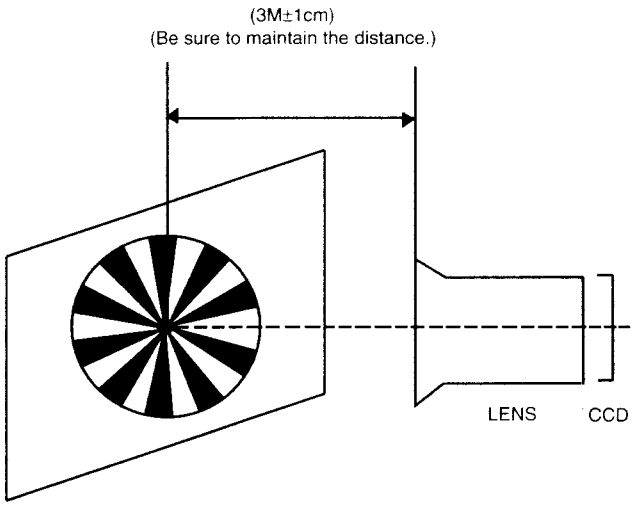
Note : The on-screen display information.
"XX XX" means arbitrary value.
It can be different number depend on the conditions.

0DE	XX	XX

1. Focus to zoom tracking

Notes : To maintain proper focus throughout the zoom range, the focus lens position must be changed as the zoom lens is moved.
During this adjustment the microprocessor will measure the focus positioning requirements at the wide and telephoto position of the zoom lens.

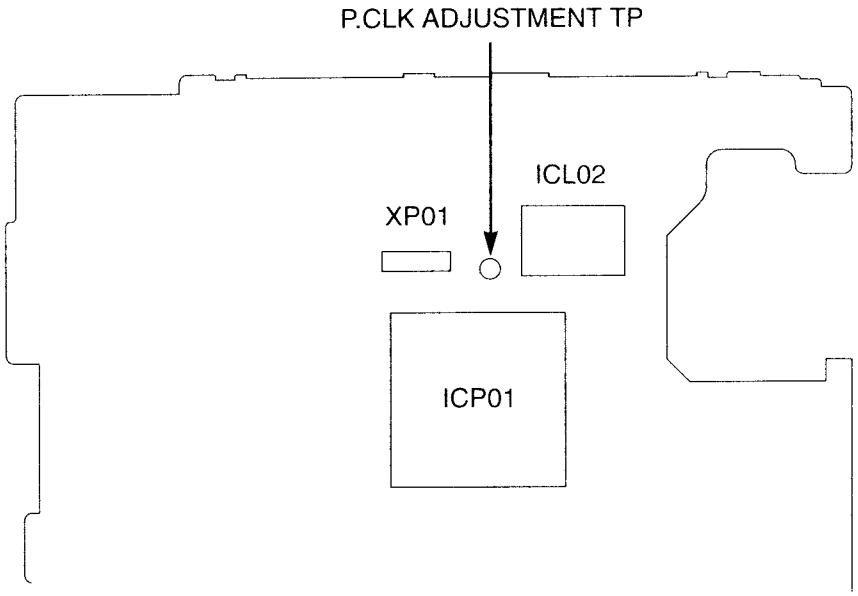
1) Camera "E-E".
2) Focus chart (Attached on the last page of this manual).
3) Aim the camera at the focus chart placed 3 meters away and perpendicular to the center of the lens. The chart should be placed on the flat, gray or white wall.
4) Connect monitor TV jack to video output jack.
5) Press the "BLC(MODE UP)" and "FADE(MODE DOWN)" button, so that the OSD start is "0DE. 3M LENS XX XX".
6) Press "ENTER(CONFIRM)" button.
The camera will move both zoom and focus lens.
The adjustment is finished when the O.K! message appears on the TV screen.
Store the data to mode 099, 09A, 0AA, 0AB, 0AD, 0C9, 0CA, 0CB and 0CC.



2. P. CLK Adjustment

1) "Camera", no signal input.
2) P.CLK and AF MICOM.
3) Connect a frequency counter to P.CLK.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "004 XX XX".
5) Adjust the "P.AE(DATA UP)/DSE(DATA DOWN)" button so that frequency is
   NTSC : 9.534964MHz ± 50Hz, PAL : 9.4948MHz ± 50Hz.<NORMAL> /14.250MHz ± 50Hz.<Hi8>
6) Press "ENTER(CONFIRM)" button.

Note : Frequency changes after the confirm button is pressed.



Main PCB (Solder side)

3. Zoom VR Center

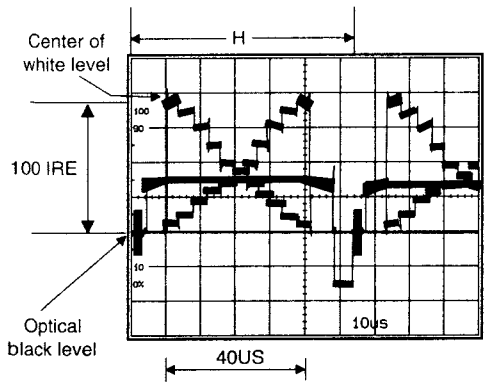
1) Camera "E-E", 3100°K gray-scale chart.
2) Video(output) jack and EVR.
3) Connect monitor TV to video(output) jack.
4) Press the "BLC (MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OD6. XX XX".
5) Press "ENTER(CONFIRM)" button.
6) Then, the microprocessor will work ;
   - Find the Zoom VR Center position
   - Store the data to mode 0B7.

4. Auto hall

1) Camera "E-E", 3100°K gray-scale chart.
2) Video(output) jack and EVR.
3) Connect monitor TV to video(output) jack.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OCD. XX XX".
5) Press "ENTER(CONFIRM)" button.
6) Then, the microprocessor will work ;
   - IRIS open, HALL maximum value found,
   - IRIS closed, HALL minimum value found,
   - IRIS open, HALL maximum value found,
   - Store the data to mode 00A and mode 00B.
   - Store the HALL min./max. data to mode 0C1 and mode 0C2.

5. AUTO IRIS

1) Camera "E-E", 3100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OCE. XX XX".
5) Press "ENTER(CONFIRM)" Button.
6) Then, the micro process will work;
   - IRIS open, IRIS control minimum Value found.
   - IRIS close, IRIS control minimum Value found.
   - Store the data to mode 0B5, 0B6, 0C7 and 0C8.
7) The OSD shows "O.K".

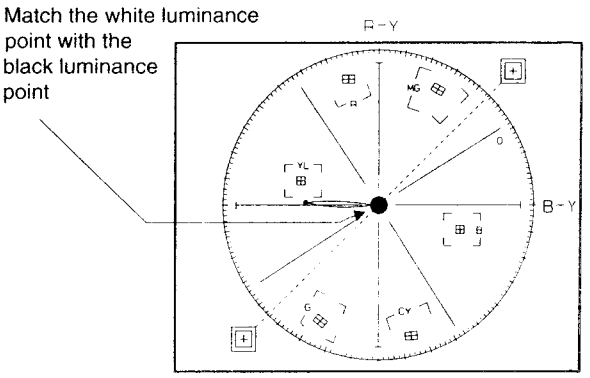


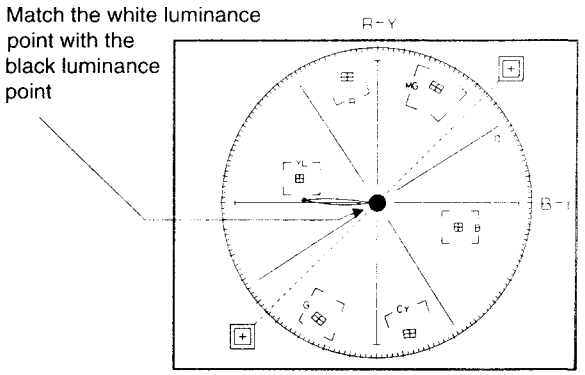
6. Auto white balance

1) Camera "E-E", 3100°K/5100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
4) Connect vectorscope input jack to video(output) jack.
3) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OCF. XX XX".

a. W/B Indoor
a-1. Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx. (40us)
a-2. Press "ENTER(CONFIRM)" button so that the white vector moves to the center on screen of the vectorscope.
a-3. Store the data to mode 0A6, 0A7, 0A8, 0A9
a-4. The OSD shows "OK!".

b. W/B Outdoor
b-1. Aim the camera at a 5100°K gray-scale (3100°K+CCB12) chart illuminated at 1500 to 2000 lx. (40us)
b-2. Press "ENTER(CONFIRM)" button so that the white vector moves to the center on screen of the vectorscope.
b-3. Store the data to mode 0A2, 0A3, 0A4 and 0A5.
b-4. The OSD shows "OK!".





7. Pre white balance (I) ; (R-Y)

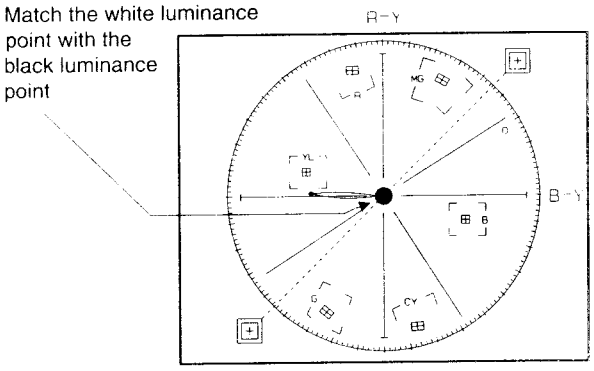
1) Camera "E-E", 3100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
3) Connect vectorscope input jack to video(output) jack.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that pass through 272, 273, 274, 275 and then the OSD state is "272. XX XX(High)""273. XX XX(Low)".
5) Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx.
6) Adjust the " P.AE(DATA UP)/DSE(DATA DOWN)" button so that the white vector moves to the R-Y axial on screen of the vectorscope.

Note : Bright dot shifts after the confirm button is pressed.

8. Pre white balance (II) ; (B-Y)

1) Camera "E-E", 3100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
4) Connect vectorscope input jack to video(output) jack.
3) Press the "BLC (MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "274. XX XX(High)""275. XX XX(Low)".
5) Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE(DATA UP) /DSE(DATA DOWN)" button so that the white vector moves to the B-Y axial on screen of the vectorscope.

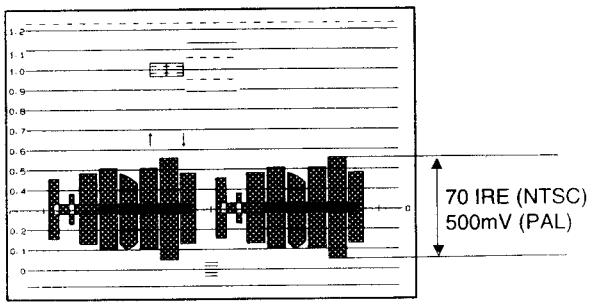
Note : Bright dot shifts after the confirm button is pressed.



9 R-Y Gain

1) Camera "E-E", 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "280. XX XX(High)""281. XX XX(Low)".
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE(DATA UP)/DSE(DATA DOWN)" button so that the red level is NTSC : 70IRE, PAL : 500mV
7) Be sure to press the "ENTER(CONFIRM)" button to memorize setting.

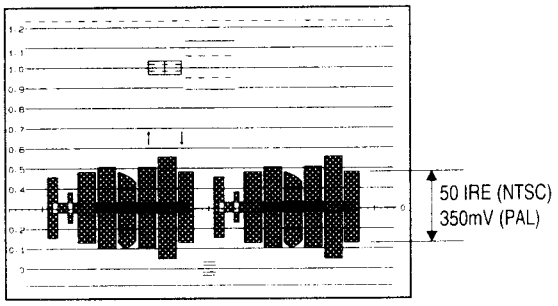
Note : Bright dot shifts after the confirm button is pressed. (outdoor : 034, 035)



10. B-Y Gain

1) Camera "E-E", 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "283. XX XX(High)""284. XX XX(Low)".
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE(DATA UP)/DSE(DATA DOWN)" button so that the blue level is NTSC : 50IRE, PAL : 350mV
7) Be sure to press the "ENTER(CONFIRM)" button to memorize setting.

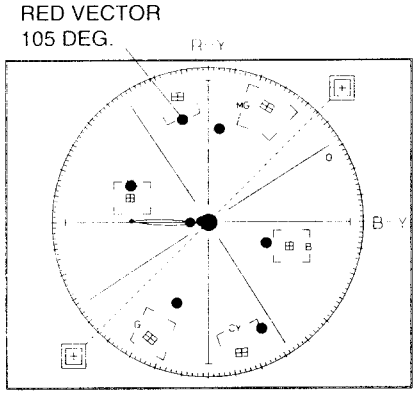
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 036, 037)



11. R-Mg Hue

1) Camera "E-E", 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "284. XX XX(High)""285. XX XX(Low)".
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE(DATA UP)/ DSE(DATA DOWN)" button so that theRed vector is 105.
7) Be sure to press the "ENTER (CONFIRM)" button to memorize setting.

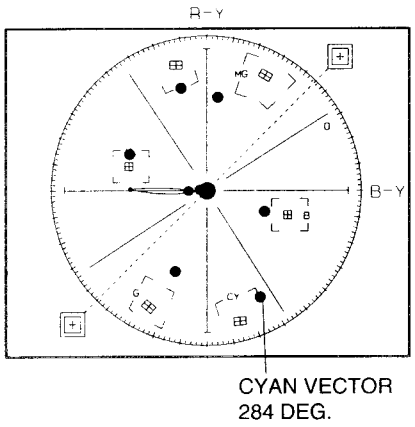
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 038, 039)



12. G-Cy Hue

1) Camera "E-E", 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "286. XX XX(High)""287. XX XX(Low)".
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE(DATA UP)/ DSE(DATA DOWN)" button so that the Cyan vector is 284.
7) Be sure to press the "ENTER (CONFIRM)" button to memorize setting.

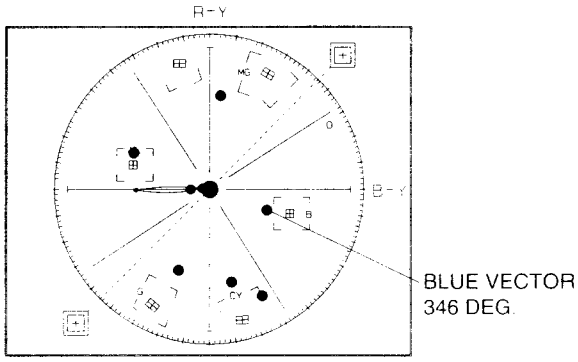
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 03A, 03B)



13. B-Cy-Mg Hue

1) Camera "E-E", 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "288. XX XX(High)""289. XX XX(Low)".
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE (DATA UP)/ DSE(DATA DOWN)" button so that the Blue vector is 346.
7) Be sure to press the "ENTER (CONFIRM)" button to memorize setting.

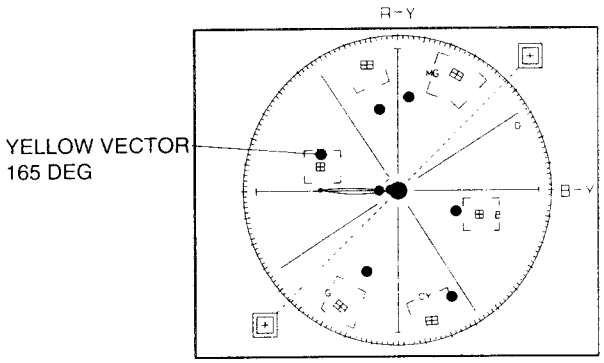
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 03C, 03D)



14. Ye-G Hue

1) Camera "E-E", 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "28A.XX XX(High)""28B.XX XX(Low)".
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the "P.AE(DATA UP) /DSE(DATA DOWN)" button so that the Yellow vector is 165.
7) Be sure to press the "ENTER(CONFIRM)" button to memorize setting.

Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 03E, 03F)



Note : Outdoor(5100°K) color Gain & Hue adjust.
- 5100°K color bar (or 3100°K color bar with CCB12 Filter)
- Restart step 7. prewhite balance(I) ~ step 14. Ye-G Hue.
- The outdoor(5100°K) mode in 034~03F.

4-2-3 LCD Adjustment (NTSC)

Notes :

1. After each adjustment step is completed, OSD shows "OK".
2. EEPROM stores confirmed adjustment value of each adjustment step.
3. After finishing the adjustment, reset the main power source to memorize the adjustment data in EEPROM.
4. Camcorder set is used as a LCD adjust tool.

4-2-3 (a) PREPARATION

1. How to get into the LCD adjustment mode.

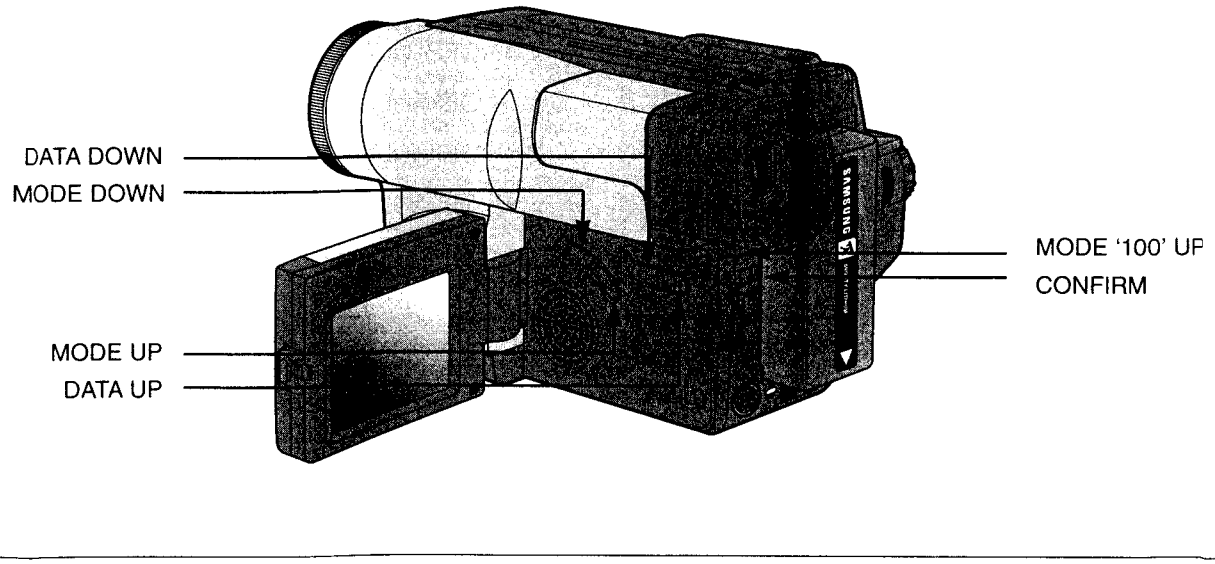
STEP1

1. Connect the power source (battery/DC cable).
2. Set the mode switch of the camcorder to "CAMERA MODE" position.
3. Set OSD on state.
4. Press and hold the "TAPE EJECT" button and "DATE/TIME" button on the camcorder at the same time for more than 5 seconds.
   Then unit goes into service mode.

STEP2

MONITOR OSD shows "ODF XX XX". Then LCD adjustment mode has been activated successfully and press MODE '100' up button 6times, OSD shows "5F7" and then go backword to "5E8"

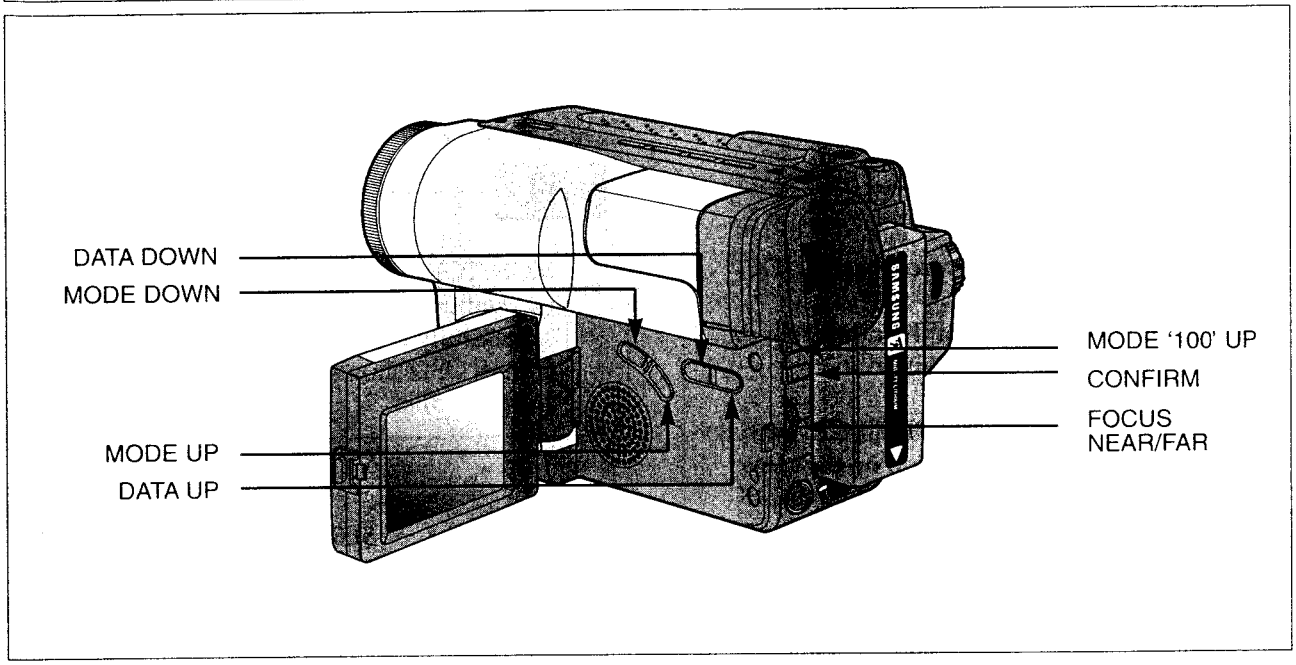
5E8
EPR : XX EVR : XX



Note : When XX XX is shown in service adjustment procedures, this indicates variable values.

2. The following chart shows the function of each button. In service adjustment mode, button names are different from those in customer camera function control mode. EX)DISPLAY button is the same as confirm.

Button	Function
BLC	When change the adjustment mode.
FADE	When change the adjustment mode.
P.AE DSE	When change data value of adjust state.
ENTER	Data store after finishing adjustment by "DATA UP/DATA DOWN" button



The following table shows the data of each address that you must adjust.

ADDRESS	DATA	MEAN	REMARK	ADJUSTMENT RANGE
5E8	2E	CONTRAST	DEFAULT	00~35
5E9	15	BRIGHT R	DEFAULT	00~35
5EA	15	BRIGHT G	DEFAULT	00~35
5EB	1A	BRIGHT B	DEFAULT	00~35

4-2-3 (b) ADJUSTMENT

Please, aim at colorbar chart or colorful object.

1. Contrast

1) Adjust ADDRESS that a data of 5E8 is equal to 2E(default). If you want, you can adjust other data in range "00~35"
2) Adjust ADDRESS that a data of 5E9 is equal to 15(default). If you want, you can adjust other data in range "00~35" (Adjustment of 5EA, 5EB is in the same way.)
3) Adjust ADDRESS that a data of 5EA is equal to 15(default).
4) Adjust ADDRESS that a data of 5EB is equal to 1A(default).

4-2-4 LCD Adjustment (PAL)

Notes :

1. After each adjustment step is completed, OSD shows "OK".
2. EEPROM stores confirmed adjustment value of each adjustment step.
3. After finishing the adjustment, reset the main power source to memorize the adjustment data in EEP-ROM.
4. Camcorder set is used as a LCD adjust tool.

4-2-3 (a) PREPARATION

1. How to get into the LCD adjustment mode.

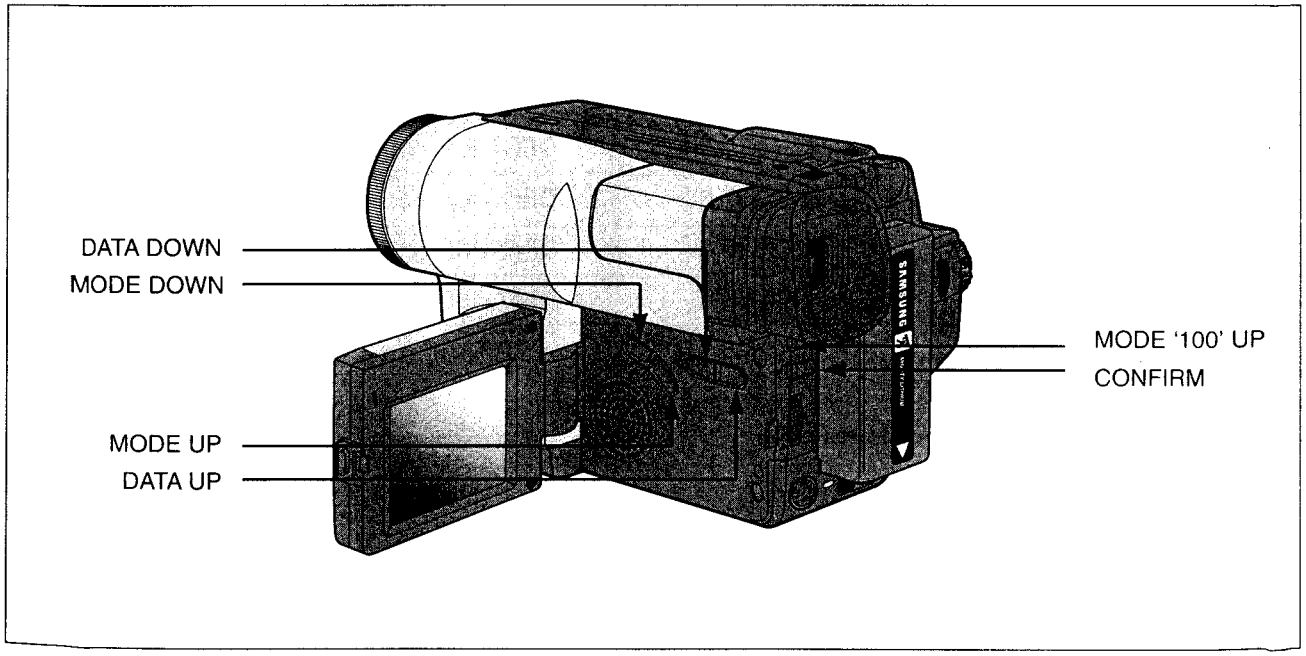
STEP1

1. Connect the power source (battery/DC cable).
2. Set the mode switch of the camcorder to "CAMERA MODE" position.
3. Set OSD on state.
4. Press and hold the "TAPE EJECT" button and "DATE/TIME" button on the camcorder at the same time for more than 5 seconds.
   Then unit goes into service mode.

STEP2

MONITOR OSD shows "ODF XX XX". Then LCD adjustment mode has been activated successfully and press MODE '100' up button 6times, OSD shows "5F7" and then go backword to "5AF"

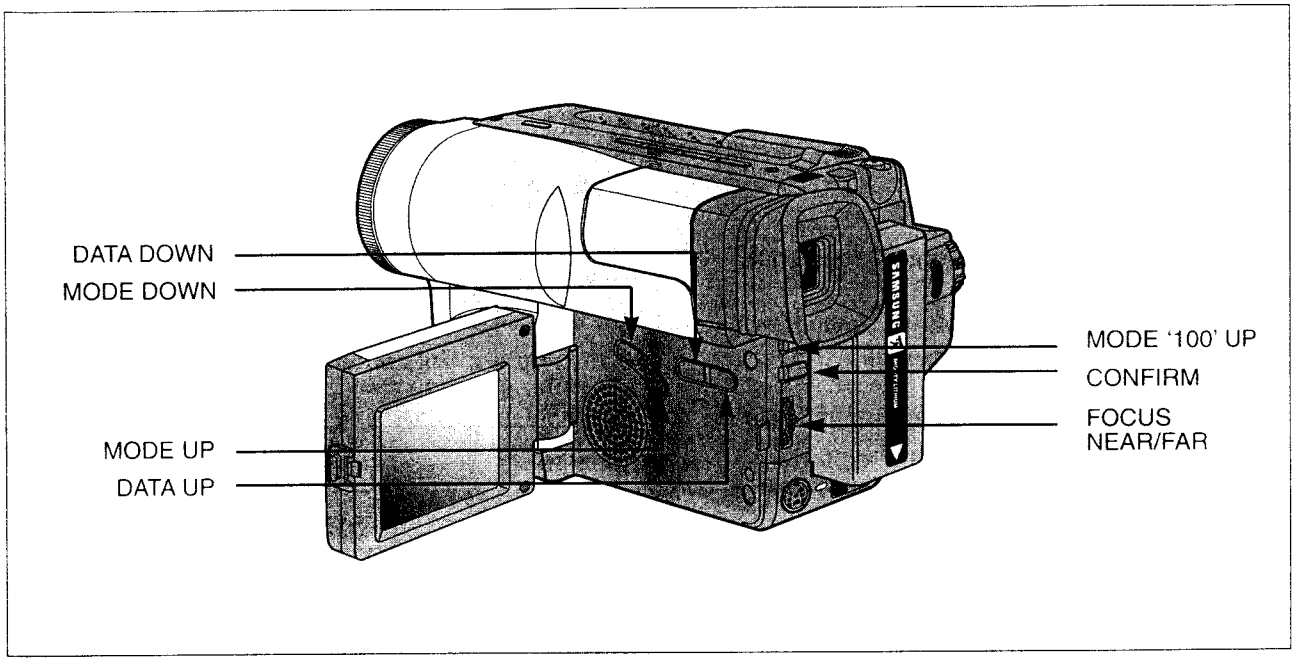
5AF
EPR : XX EVR : XX



Note : When XX XX is shown in service adjustment procedures, this indicates variable values.

2. The following chart shows the function of each button. In service adjustment mode, button names are different from those in customer camera function control mode. EX)DISPLAY button is the same as confirm.

Button	Function
BLC	When change the adjustment mode.
FADE	When change the adjustment mode.
P.AE DSE	When change data value of adjust state.
ENTER	Data store after finishing adjustment by "DATA UP/DATA DOWN" button



The following table shows the data of each address that you must adjust.

ADDRESS	DATA	MEAN	REMARK	ADJUSTMENT RANGE
5AF	2E	CONTRAST	DEFAULT	00~35
5B0	00	BRIGHT R	DEFAULT	00~35
5B1	00	BRIGHT G	DEFAULT	00~35
5B2	00	BRIGHT B	DEFAULT	00~35

4-2-3 (b) ADJUSTMENT

Please, aim at colorbar chart or colorful object.

1. Contrast

1) Adjust ADDRESS that a data of 5AF is equal to 2E(default). If you want, you can adjust other data in range "00~35"
2) Adjust ADDRESS that a data of 5B0 is equal to 00(default). If you want, you can adjust other data in range "00~35" (Adjustment of 5B1, 5B2 is in the same way.)
3) Adjust ADDRESS that a data of 5B1 is equal to 00(default).
4) Adjust ADDRESS that a data of 5B2 is equal to 00(default).

4-2-5 CVF Adjustment

Notes :

1. After each adjustment step is completed, OSD shows "OK".
2. EEPROM stores confirmed adjustment value of each adjustment step.
3. After finishing the adjustment, reset the main power source to memorize the adjustment data in EEP-ROM.
4. Camcorder set is used as a CVF adjust tool.

4-2-3 (a) PREPARATION

1. How to get into the CVF adjustment mode.

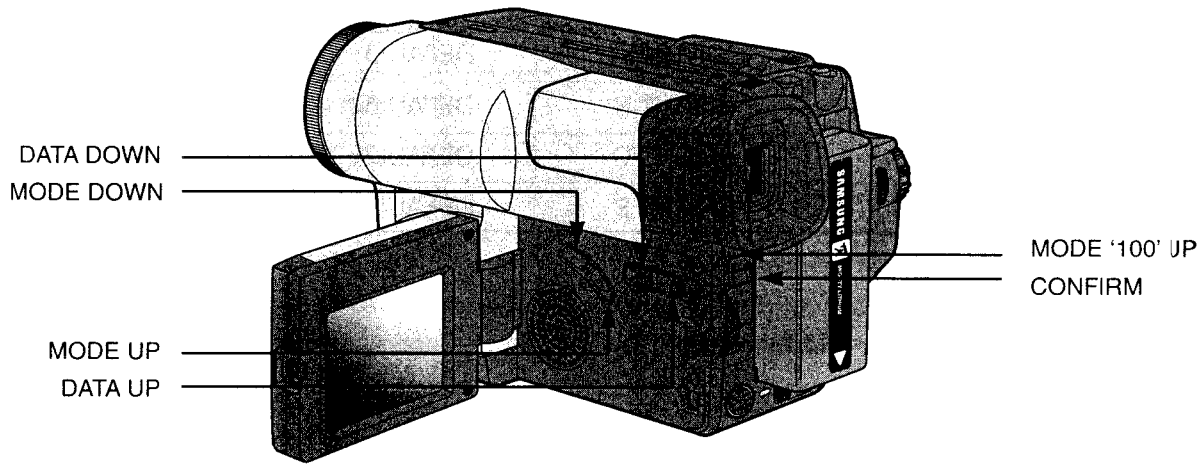
STEP1

1. Connect the power source (battery/DC cable).
2. Set the mode switch of the camcorder to "CAMERA MODE" position.
3. Set OSD on state.
4. Press and hold the "TAPE EJECT" button and "DATE/TIME" button on the camcorder at the same time for more than 5 seconds.
   Then unit goes into service mode.

STEP2

MONITOR OSD shows "ODF XX XX". Then CVF adjustment mode has been activated successfully and press MODE '100' up button 4times, OSD shows "3F7" and then go backword to "3DB"

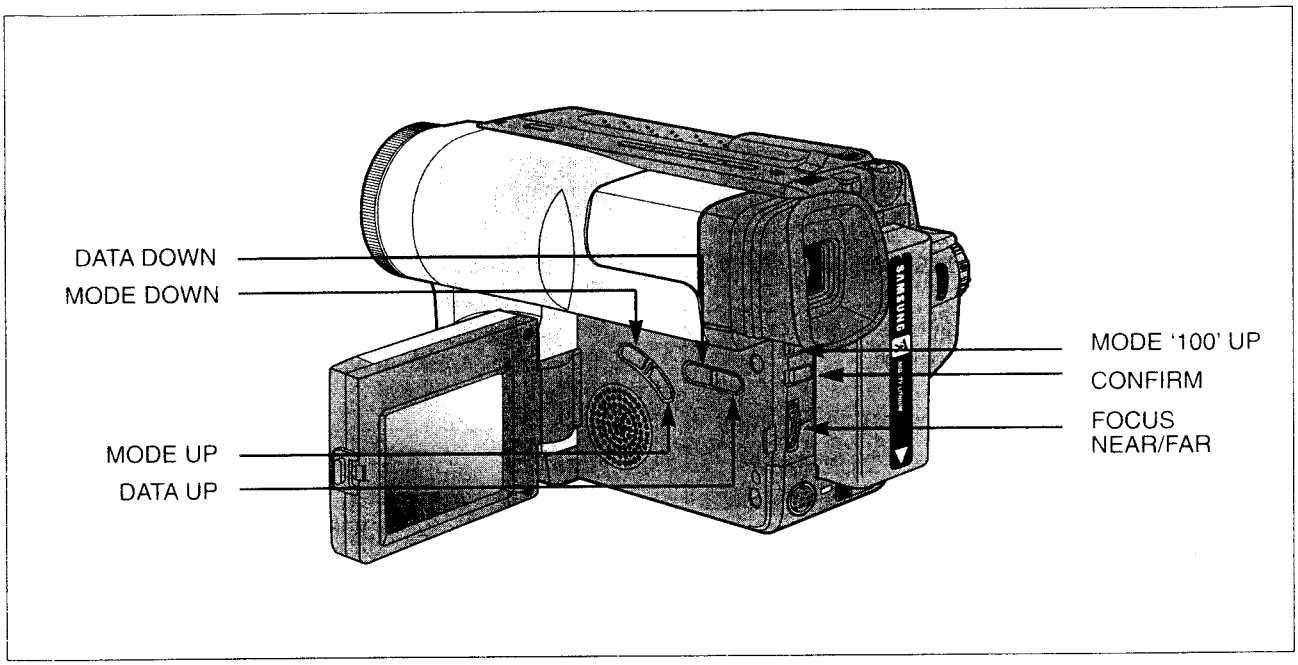
3DB
EPR : XX EVR : XX



Note : When XX XX is shown in service adjustment procedures, this indicates variable values.

2. The following chart shows the function of each button. In service adjustment mode, button names are different from those in customer camera function control mode. EX)DISPLAY button is the same as confirm.

Button	Function
BLC	When change the adjustment mode.
FADE	When change the adjustment mode.
P.AE DSE	When change data value of adjust state.
ENTER	Data store after finishing adjustment by "DATA UP/DATA DOWN" button



The following table shows the data of each address that you must adjust.

ADDRESS	DATA	MEAN	REMARK	ADJUSTMENT RANGE
3DB	25	CONTRAST	DEFAULT	00~35
3DC	25	BRIGHT R	DEFAULT	00~35
3DD	25	BRIGHT G	DEFAULT	00~35
3DE	25	BRIGHT B	DEFAULT	00~35

4-2-3 (b) ADJUSTMENT

Please, aim at colorbar chart or colorful object.

1. Contrast

1) Adjust ADDRESS that a data of 3DB is equal to 25(default). If you want, you can adjust other data in range "00~35"
2) Adjust ADDRESS that a data of 3DC is equal to 25(default). If you want you can adjust other data in range "00~35" (Adjustment of 3DD, 3DE is in the same way.)
3) Adjust ADDRESS that a data of 3DD is equal to 25(default).
4) Adjust ADDRESS that a data of 3DE is equal to 25(default).

4-2-6 EVF Adjustment

4-2-4 (a) PREPARATION

1. How to get into the EVF adjust mode.

STEP1

1. Connect the power source (battery/DC cable).
2. Set the mode switch of the camcorder to "CAMERA" position.
3. Disassemble EVF and use oscilloscope to measure waveform of TP-V.

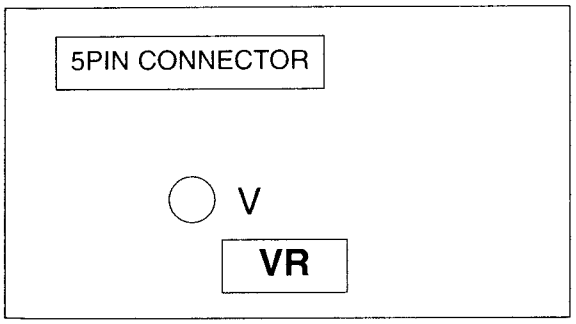
STEP2

View color bar. (If you have not color bar., you can view white picture)

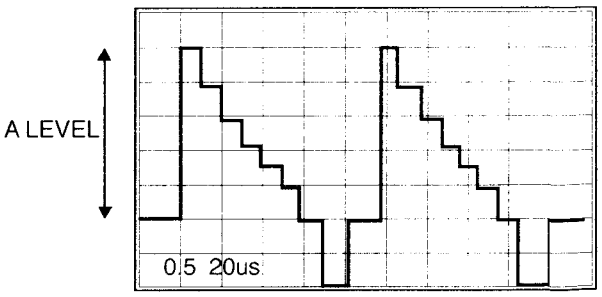
(b) ADJUSTMENT

1. Video gain adjustment

1) Connect TP-V on PCB to PROBE.
2) Adjust VRE02 and check that A level is 2.5Vp-p. if not, adjust A level to be 2.5Vp-p.



<Position of TP-V on EVF PCB>



<TP-V Wave form>

Notes : When XX XX is shown in service adjustment procedures, this indicates variable values.

4-3 VCR Section Adjustment

4-3-1 Preparations

1. Equipment :

1) Monitor TV.
2) Dual trace oscilloscope of over 20MHz band, incorporates delay mode.
   (Use 10 : 1 probe unless otherwise specified.)
3) Frequency counter
4) DC power supply.
5) Alignment tape (Colour bar : SP)
6) 8mm Video Tape for record.

2. Composition of VCR P.C.Boards

1) Main PCB (system control/servo, video, audio, camera)
2) Rear PCB
3) Battery-Terminal PCB
4) Front PCB

3. How to get into service "**ADJUST**" mode.

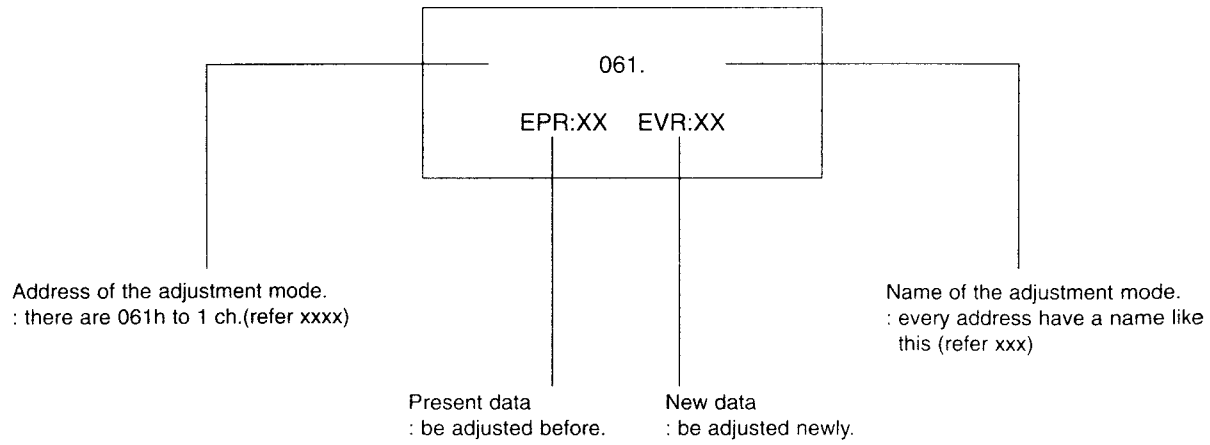
STEP 1

1. Connect the power source (battery/DC cable).
2. Set the program selector of the camcorder to PLAYER position.
3. Press the eject key to eject mode.

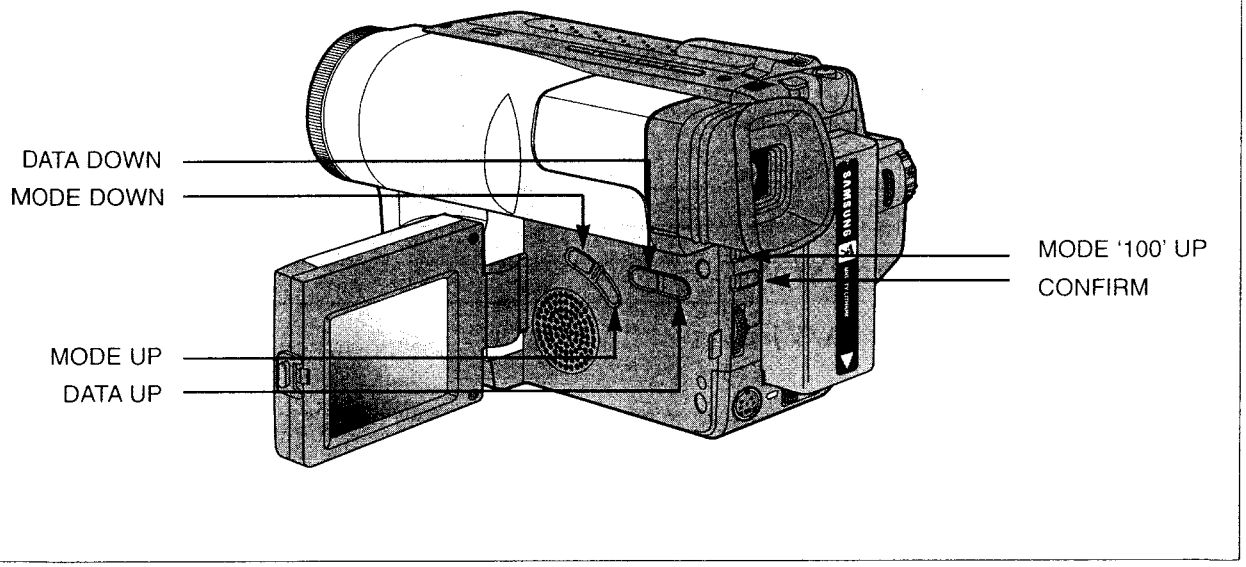
STEP 2

1. Press and hold "STOP" and "EJECT" button on the Camcorder at the same time for more than 5 seconds.
2. If the adjustment mode displayed like the figure below, VCR adjustment mode has been successfully activated.
3. Insert tape into housing ass'y and then perform the adjustments.

TV or EVF/CVF monitor


061.
EPR:XX EVR:XX
Address of the adjustment mode.
: there are 061h to 1 ch.(refer xxxx)
Name of the adjustment mode.
: every address have a name like this (refer xxx)
Present data
: be adjusted before.
New data
: be adjusted newly.

4. The location of function button.



Note : In service adjustment mode, button names are different from those in customer function control mode.
EX) "ENTER" button is the same as "CONFIRM".

5. If you want to finish the adjustment mode, you have to do "Battery Reset".
The "Battery Reset" means that you pull out the power source and pull in it again.
Then, the adjustment is ended and the camcorder works normally.

4-3-2 VCR Section

Note 1 : From this point forward, the structure of every adjustment is as follows.

Step	Adjustment Item
1. Mode and input signal/ alignment tape	ADJ. point →
2. Test point and ADJ. part	Test point ⇢
3. Result and Remarks	

Note 2 : How to connect video out signal.

-Connect the video cable to ass'y A/V Jack.

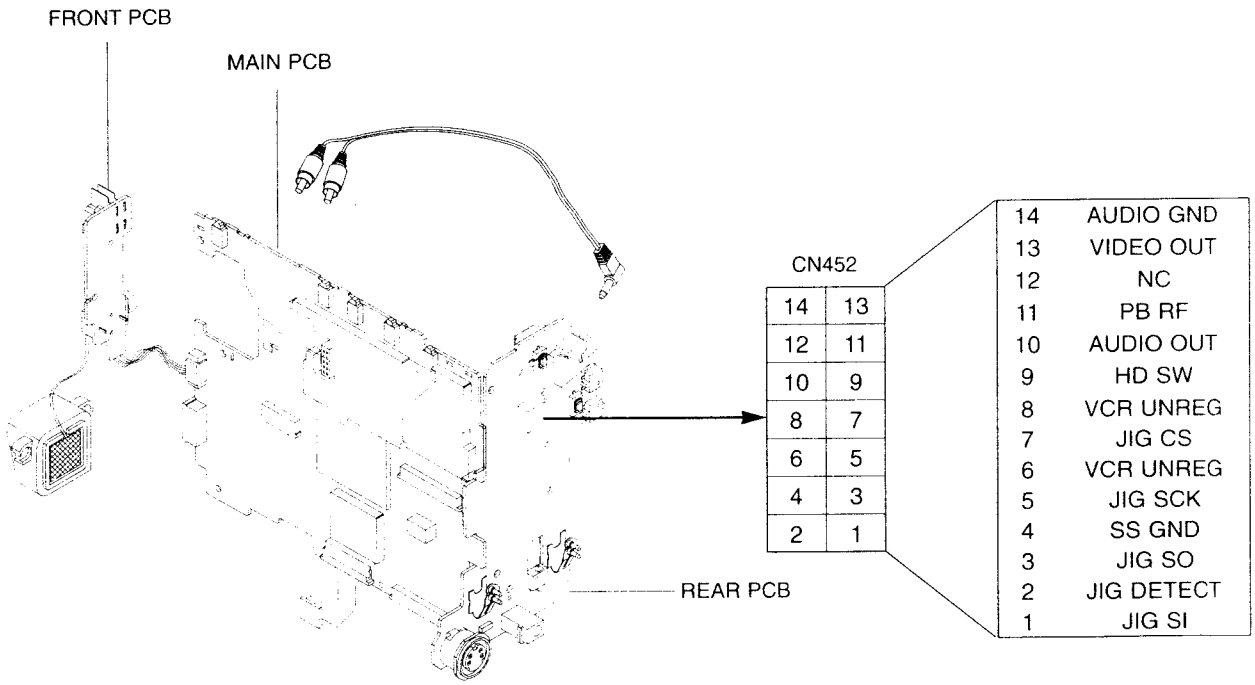


Fig. 1 Video Signal Connection

4-3-3 Adjustment

1. Kinds of adjustment in PLAY mode.

ADDRESS	NAME	NORMAL MODEL		HI 8 MODEL	
		NTSC	PAL	NTSC	PAL
061	HD SWP	Adjustment			
062	32. 768 KHZ CLOCK	1C			
063	MODEL CODE	Model code setting			
064	D.ZOOM SIZE	50			
065	TBC DEFAULT	05	01	05	01

2. Adjustment

* Please keep the order according to explanation.

2-1. Setting of the model code0

a. Preparation

TAPE	NONE
EQUIPMENT	POWER SOURCE
OTHER	NONE
TEST POINT	NONE
ADDRESS	063
NAME	MODEL CODE0

b. Connect a power source.

c. Get into the VCR adjustment mode.

d. Press the "BLC(MODE UP)" or "FADE(MODE DOWN)" button of Camcorder so as to select the address 063.

e. Press the "DSE(DATA DOWN)/P.AE(DATA UP)" so that OSD shows" "ERR:XX EVR: XX" "XX" is different dependent on the model as below.

	MODEL NAME	ADDRESSED CODE
NTSC	SCL600	64
	SCL610	74
	SCL630	77
	SCL650	77
PAL	VP-L600	60
	VP-L610	64
	VP-L630	77
	VP-L650	77

f. Be sure to press the "ENTER(CONFIRM)" button on Camcorder to memorize setting.

g. Reset the power source so as to fix the new data to the Camcorder's EEPROM.

2-2. Head Switching Point

: This adjustment is performed after the replacement of deck mechanism.

• Without this adjustment, there will be a noise in playback picture.

a. Preparations

TAPE	STANDARD COLOR BAR TAPE RECORDED WITH SP SPEED *NTSC
EQUIPMENT	POWER SOURCE
OTHER	NONE
TEST POINT	NONE
ADDRESS	061
NAME	HD SWP

b. Connect a power source.

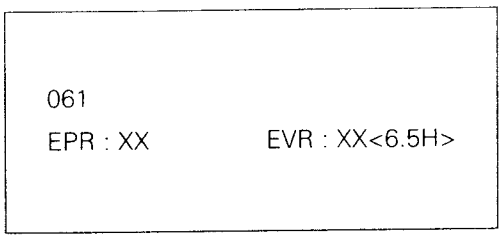
c. Get into the VCR adjustment mode.

d. Press the "BLC(MODE UP)" or "FADE(MODE DOWN)" button of Camcorder so as to select the address 061.

e. Insert the Standard Color Bar Tape and press the "PLAY" button.

Note : If there is no video out, when you pressed the "PLAY" button, you can not adjust the Head Switching Point.
It may be caused by maladjusted VIDEO block.
In this case, adjust the VIDEO block before the Head Switching Point.

f. The data of Head Switch is set to 6.5H(NTSC)/7.0H(PAL) automatically.



g. Be sure to press the "ENTER(CONFIRM)" button on Camcorder to memorize setting.
h. Reset the power source so as to fix the new data to the Camcorder's EEPROM.

5. Exploded View and Parts List

5-1 Cabinet Assembly (1) ----------5-2

5-2 Cabinet Assembly (2) ----------5-4

5-3 Cabinet Assembly (3) ----------5-6

5-4 Cabinet Assembly (4) ----------5-8

5-5 Cabinet Assembly (5) ----------5-10

5-6 Cabinet Assembly (6) ----------5-12

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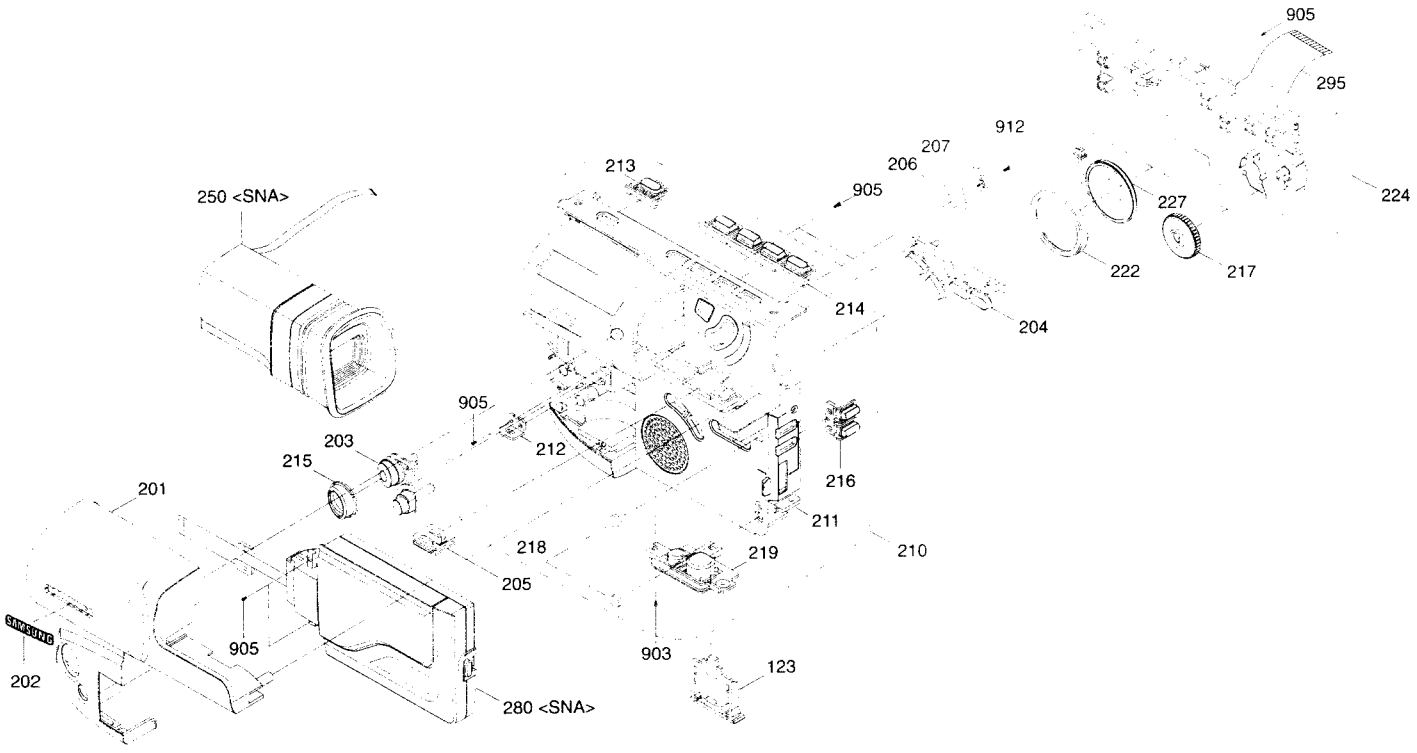
5-8 EVF ----------5-16

5-9 Mechanical Parts (1) ----------5-18

5-10 Mechanical Parts (2) ----------5-20

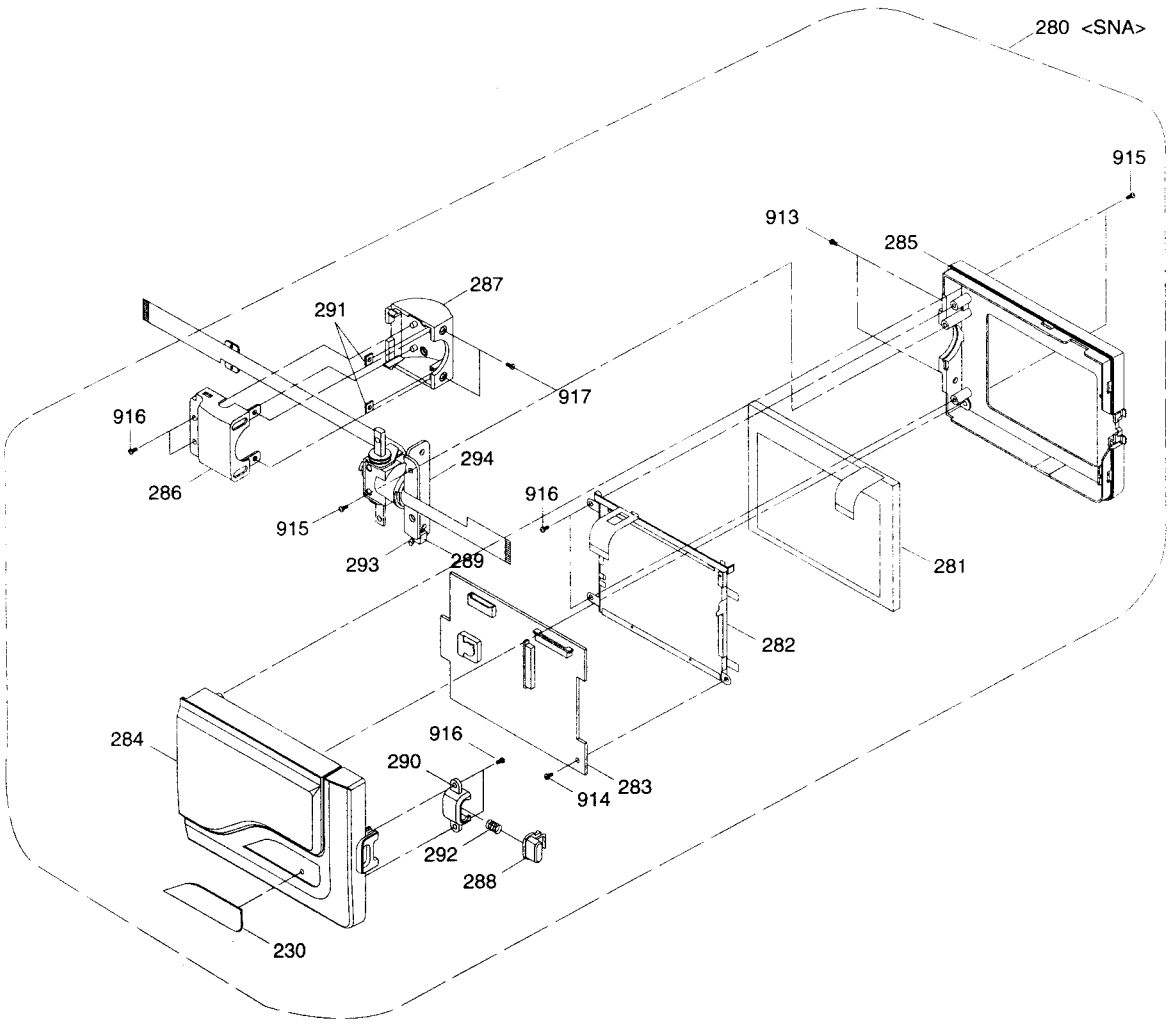
5-11 Mechanical Parts (3) ----------5-22

5-1 Cabinet Assembly (1)



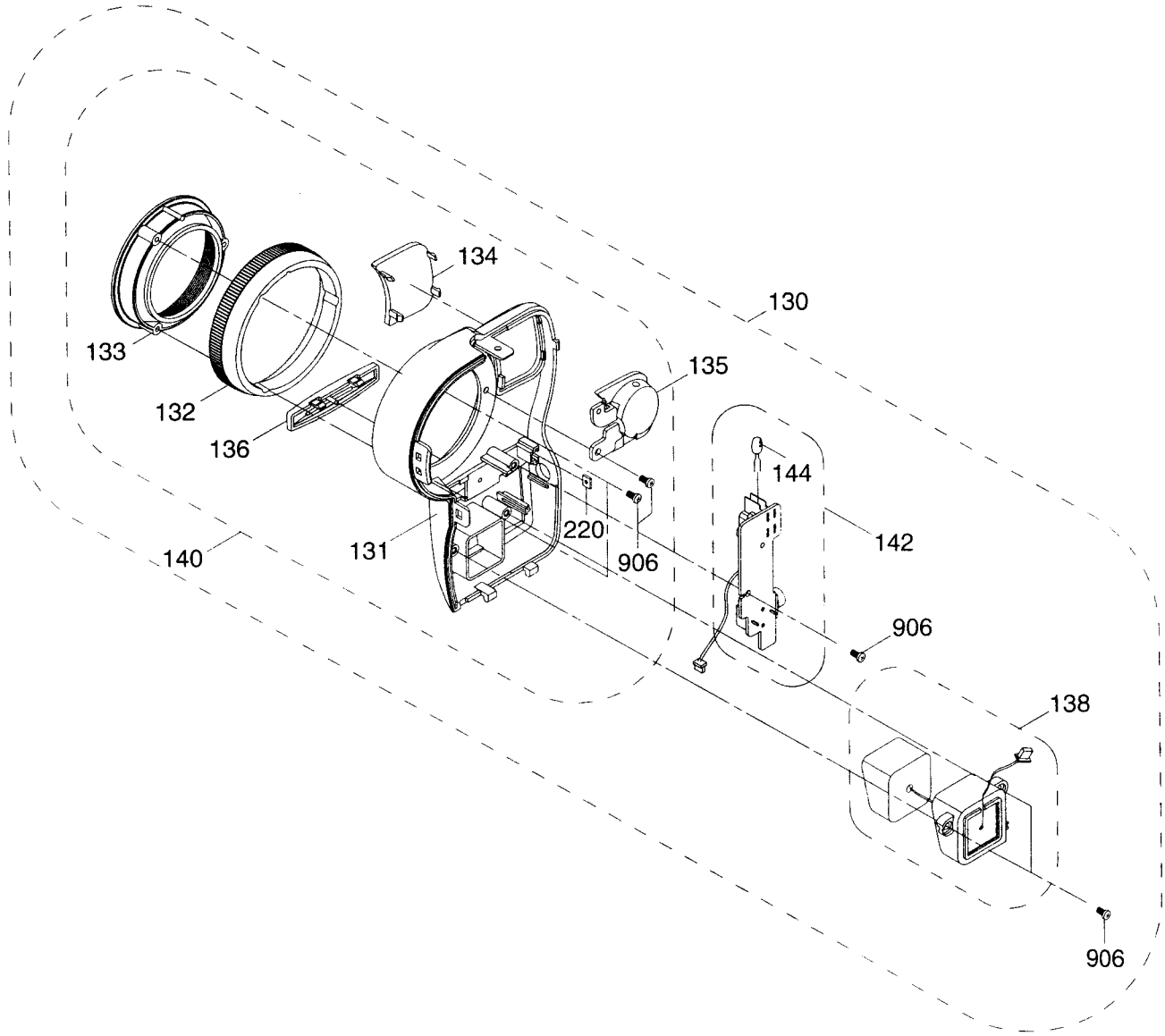
Loc. No	New Part No	Description and Specification	Remark
123	AD63-00065C	COVER-LI BATTERY;W-PJ,-,-,-,-,ABS94HB,-	ALL
201	AD63-00183A	COVER-LEFT(W2);W-PJ,-,-,-,-,ABS94HB,-	SCL610
	AD63-00183B	COVER-LEFT(W2);W2-PJ(SCL630),-,-,-,-,ABS	SCL630
	AD63-00183C	COVER-LEFT(W2);W2-PJ(SCL650),-,-,-,-,ABS	SCL650
	AD63-00183D	COVER-LEFT(W2);W2-PJ(VP-L600),-,-,-,-,AB	VP-L600
	AD63-00183E	COVER-LEFT(W2);W2-PJ(VP-L610),-,-,-,-,AB	VP-L610
	AD63-00183F	COVER-LEFT(W2);W2-PJ(VP-L630),-,-,-,-,AB	VP-L630
	AD63-00183G	COVER-LEFT(W2);W2-PJ(VP-L650),-,-,-,-,AB	VP-L650
	AD63-00183P	COVER-LEFT(W2);SCL600,-,-,-,-,ABS94HB,-	SC-L600
	AD63-00183Q	COVER-LEFT(W2);W2-PJ(VP-L600B),-,-,-,-,AB	VP-L600B
	AD63-00183R	COVER-LEFT(W2);W2-PJ(VP-L610B),-,-,-,-,AB	VP-L610B
	AD63-00183S	COVER-LEFT(W2);W2-PJ(VP-L610D),-,-,-,-,AB	VP-L610D
202	AD64-00183A	BADGE--SAMSUNG(26);-,AL,-,25,-,-,M1-PJ	ALL
203	AD64-00537A	BUTTON-EASY(W2);W2-PJ,ABS 94HB,-,NTR,-	ALL
204	AD64-00427A	BUTTON-FUNCTION(W2);W2-PJ,ABS 94HB,-,-,G	ALL
205	AD61-00600A	HOLDER-LOCK EVF;W-PJ,-,-,-,-,POM GRY	ALL
206	AD61-00594A	RAIL-EVF;W1-PJ,-,-,-,-,-,-	ALL
207	AD61-00595A	RAIL-LOCK;W1-PJ,-,-,-,-,-,-	ALL
210	AD97-02649A	ASSY-CASE LEFT(W2);-,W2-PJ,EXP	VP-L600/L600B/L610/L610B/L610D
	AD97-02650A	ASSY-CASE LEFT(W2);-,W2-PJ,EXP,V.LIGHT	SCL600/610/630/650
			VP-L630/VP-L650
211	AD64-00421A	CASE-LEFT(W2);W2-PJ,-,ABS 94HB,-,-	VP-L600/L600B/L610/L610B/L610D
	AD64-00421B	CASE-LEFT(W2);W2-PJ,V.LIGHT,ABS 94HB,-,-	SCL600/610/630/650
			VP-L630/VP-L650
212	AD61-00581A	BRACKET-HINGE;W-PJ,SUS304 1/2H,T1.0,-,-	ALL
213	AD64-00429A	BUTTON-TAPE EJECT;W-PJ,ABS 94HB,-,-,G353	ALL
214	AD64-00430A	BUTTON-VCR;W-PJ,ABS 94HB,-,-,G3532	ALL
215	AD64-00536A	KNOB-DUMMY(W2);W2-PJ,ABS94HB,-,G3532,-,-	ALL
216	AD64-00235B	BUTTON-FUNCTION-A(M2);W-PJ,ABS 94HB,-,G3	ALL
217	AD64-00240C	KNOB-DIAL MENU(M2);W-PJ,ABS94HB G3532,-,	ALL
218	AD69-00045A	PAD--LCD;CS99V,-,-,-,-,-,-,SILICONE	ALL
219	AD97-03290A	ASSY-TRIPOD;PC G3532,W-PJ,GRAY	ALL
222	AD73-10048A	RUBBER-SPACKER;RUBBER,-,SC-L300,-	ALL
224	AD97-02885A	ASSY-FUNCTION BOARD;-,W2-P/J,EVF, W/O RM	SCL610/630
			VP-L600/L600B/L610B/L610D
	AD97-03244A	ASSY-FUNCTION BOARD;-,W2-P/J,EVF,RMT	SCL600/650/VP-L610/L630/L650
227	AD97-00244A	ASSY--SPEAKER;-,SC-L300,S3-PJ,2816S	ALL
250	AD97-02428A	ASSY-EVF;-,W1-PJ,NTSC/B&W	SCL600/610/630 <SNA>
	AD97-02429A	ASSY-CVF;-,W1-PJ,NTSC/COL	SCL650 <SNA>
	AD97-02430A	ASSY-EVF;-,W1-PJ,PAL/B&W	VP-L600/L610/L610D <SNA>
			VP-L630/650 <SNA>
	AD97-03515A	ASSY-EVF;	VP-L600B/L610B <SNA>
295	3809-001236	CABLE-FLAT;30V,-20to+80C,120mm,19P,1mm,U	ALL
903	AC60-10020A	SCREW-MACHINE;BH,+,M2,X5,FZB,FE,UP,-,-	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
912	AC60-10073A	SCREW-TAPTITE;BH,+,-,M2,X6,ZP4,FE	ALL

5-2 Cabinet Assembly (2)



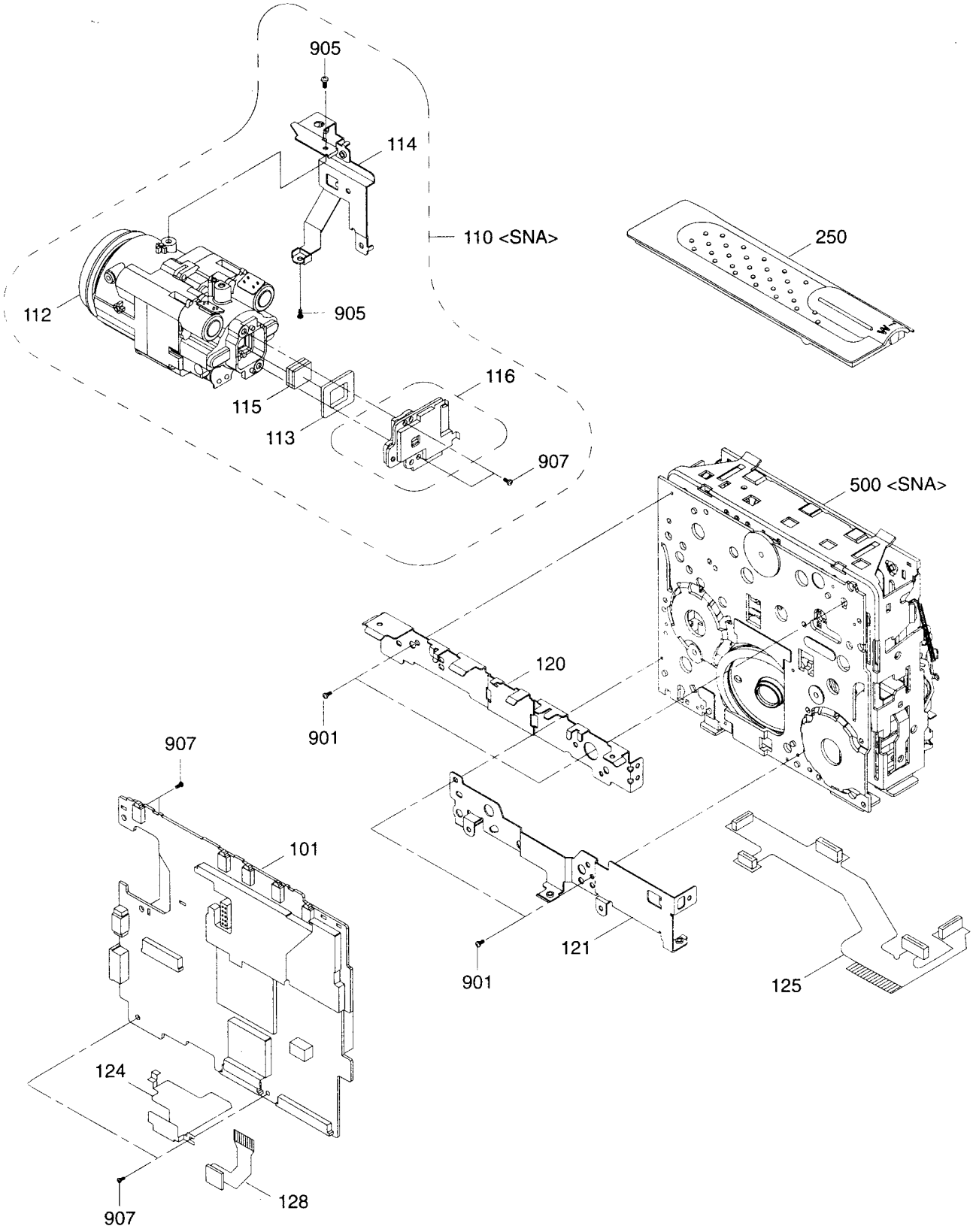
Loc. No	New Part No	Description and Specification	Remark
230	AD64-00586A	INLAY-LEFT(ACRYL);W-PJ,ACRYL,1.0,-,SILVER	ALL
280	AD97-02841A	ASSY-LCD;-,SCL610,-	SCL600/610 <SNA>
	AD97-02708A	ASSY-LCD;-,SCL630,-	SCL630 <SNA>
	AD97-02842A	ASSY-LCD;-,SCL650,-	SCL650 <SNA>
	AD97-02843A	ASSY-LCD;-,VP-L610,-	VP-L600 <SNA>
	AD97-03376A	ASSY-LCD;ASSY,VP-L610,-	VP-L610 <SNA>
	AD97-02707A	ASSY-LCD;-,VP-L630,-	VP-L630 <SNA>
	AD97-02844A	ASSY-LCD;-,VP-L650,-	VP-L650 <SNA>
	AD97-03526A	ASSY-LCD;-,VP-L600B,-	VP-L600B <SNA>
	AD97-03527A	ASSY-LCD;-,VP-L610B,-	VP-L610B <SNA>
	AD97-03528A	ASSY-LCD;-,VP-L610D,-	VP-L610D <SNA>
281	AD07-00005A	LCD-PANNEL;-,COD25T2028LC,VP-D50,51.3*37	VP-L600/L600B/L610/L610B/L610D VP-L630
	AD07-00020A	LCD;P25LD2,W-PJ,-,60.5X53,2*2.9,FU	SCL600/610/630/650
282	AD97-02233A	ASSY-BL;-,M2-PJ,2.5',3t,HDBLU25	VP-L600/L600B/L610/L610B/L610D VP-L630
	AD97-02983A	ASSY-BL;-,W-Pj,2.5',3t,HDBLU25-1	SCL600/610/630/650
283	AD97-02870A	ASSY-ASSY-LCD BOARD;2.5LCD,CS2001,-	VP-L600/L600B/L610/L610B/L610D VP-L630
	AD97-02867A	ASSY-LCD BOARD;2.5,W-Pj,NTSC	SCL600/610/630/650
284	AD64-00442A	CASE-LCD TOP;W2-PJ,-,ABS 94VO,-,-	ALL
285	AD64-00444A	CASE-LCD BOTTOM;W2-PJ,-,ABS 94VO,-,-	SCL600/610/630/650
	AD64-00464A	CASE-LCD BOTTOM;W2-PJ/DOM,-,ABS 94V0,-,D	VP-L600/L610/L630/L650
286	AD63-00188A	COVER-HINGE TOP;W2-PJ,-,-,-,-,ABS94HB,-	ALL
287	AD63-00190A	COVER-HINGE BOTTOM;W2-PJ,-,-,-,-,ABS94HB	ALL
288	AD64-00445A	BUTTO-LCD LOCK;W2-PJ,ABS 94HB,-,-,-	ALL
289	AD64-00455A	BUTTO-LCD REVERSE;CS2001V,ABS94HB,-,-,-	ALL
290	AD61-00585A	GUIDE-LCD LOCK;W2-PJ,POM,-,BLK,-,-	ALL
291	AD61-12033A	BRACKET-NUT;SECC,T0.8,SV-D10	ALL
292	AD61-00344A	SPRING-LCD-LOCK;-,SWPB,-,-,d0.35,D2.7,-,	ALL
293	AD61-00627A	SPRING-LCD-REVERSE;W-PJ,SUS304,-,-,-,-,-	ALL
294	AD97-02487A	ASSY-HINGE;ASSY,W2-PJ,-	ALL
903	AC60-10020A	SCREW-MACHINE;BH,+,M2,X5,FZB,FE,UP,-,-	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
912	AC60-10073A	SCREW-TAPTITE;BH,+,-,M2,X6,ZP4,FE	ALL
913	AC60-10019A	SCREW-MACHINE;BH,+,M2,X4,FZB,FE,UP,-,-	ALL
914	6001-001291	SCREW-MACHINE;CH(0.5),*,M1.7,L4,NI PLT,S	ALL
915	AC60-10043A	SCREW-TAPPING;BH,+,-,M1.7,X6,ZP4	ALL
916	AC60-12128A	SCREW-TAP TITE BH;-,BH,4 1.7,l4,-,FE,BLK	ALL
917	3809-001236	CABLE-FLAT;30V,-20to+80C,120mm,19P,1mm,U	ALL

5-3 Cabinet Assembly (3)



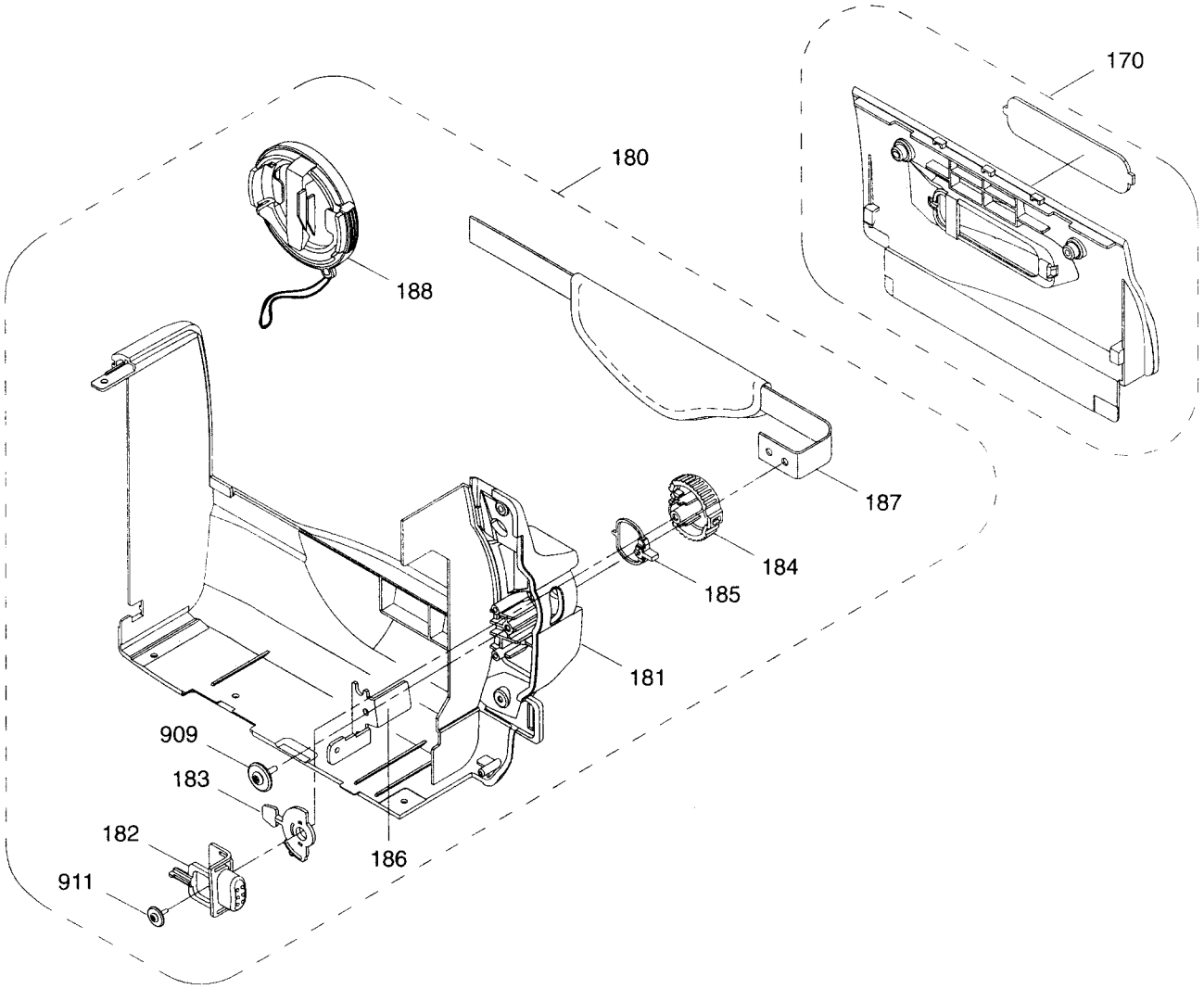
Loc. No	New Part No	Description and Specification	Remark
130	AD97-02598A	ASSY-CASE FRONT;-,VP-W61,500X,MIC(X),LIG	SCL600/VP-L600/L610/L610D
	AD97-02599A	ASSY-CASE FRONT;-,SCW61,500X,MIC(X),LIGH	SCL610
	AD97-02600A	ASSY-CASE FRONT;-,SCW64,500X,MIC(O),LIGH	SCL630/650/VP-L630/L650
	AD97-03471A	ASSY-CASE FRONT;-,	VP-L600B/L610B
131	AD64-00533A	CASE-FRONT;W-PJ,500X,MIC(X),ABS 94HB,-,-	SCL600/610/VP-L600/L610/L610D
	AD64-00533B	CASE-FRONT;W-PJ,500X, MIC(O),ABS 94HB,-,	SCL630/650/VP-L630/L650
	AD64-00533E	CASE-FRONT;W-PJ,500X,	VP-L600B/L610B
132	AD67-00115A	LENS-HOOD(AL);W-PJ,-,-,A6063A-T5(AL10),-	ALL
133	AD67-00038C	LENS-HOOD(22X);W-PJ,-,SILK,ABS94HB,-,BLK	ALL
134	AD63-00211A	COVER-DUMMY LAMP;W-PJ,-,-,-,-,ABS94HB,-	SCL600 VP-L600/L610/L600B/L610B/L610D
	AD64-00534A	MASK-LAMP;W-PJ,PC-CLR,-,-,-	SCL610/630/650/VP-L630/L650
135	AD67-00114A	MIRROR-LAMP;W-PJ,TOPLAMID+AL,-,-,-,-,-	SCL610/630/650/VP-L630/L650
136	AD64-00535A	WINDOW-REMOCON;W-PJ,PMMA,-,-,-,-,BLUE,-	ALL
138	AD97-01460A	ASSY-MIC;CS2000,-,MONO	ALL
140	AD97-03073A	ASSY-UNIT FRONT;-,W-PJ,500X,MIC(X),LIGHT	SCL600/VP-L600/L610/L610D
	AD97-03074A	ASSY-UNIT FRONT;-,W-PJ,500X,MIC(X),LIGHT	SCL610
	AD97-03076A	ASSY-UNIT FRONT;-,W-PJ,500X,MIC(O),LIGHT	SCL630/650/VP-L630/L650
	AD97-03480A	ASSY-UNIT FRONT;-,W-PJ,500X,	VP-L600B/L610B
142	AD97-02891A	ASSY-FRONT BOARD;-,W-P/J,SC-W61	SCL610
	AD97-02307A	ASSY-FRONT BOARD;-,W-P/J,-	SCL630/650/VP-L630/L650
144	4713-001152	LAMP-PURE XENON;6V,500mA,3W,-,50Lm,-,3.8	SCL610/630/650/VP-L630/L650
220	AC61-32047A	PLATE-NUT;SECC,T0.8,-,-,SV-V40	ALL
906	AC60-10061A	SCREW-TAPPING;BH,+,-,M2,X5,ZPC	ALL

5-4 Cabinet Assembly (4)



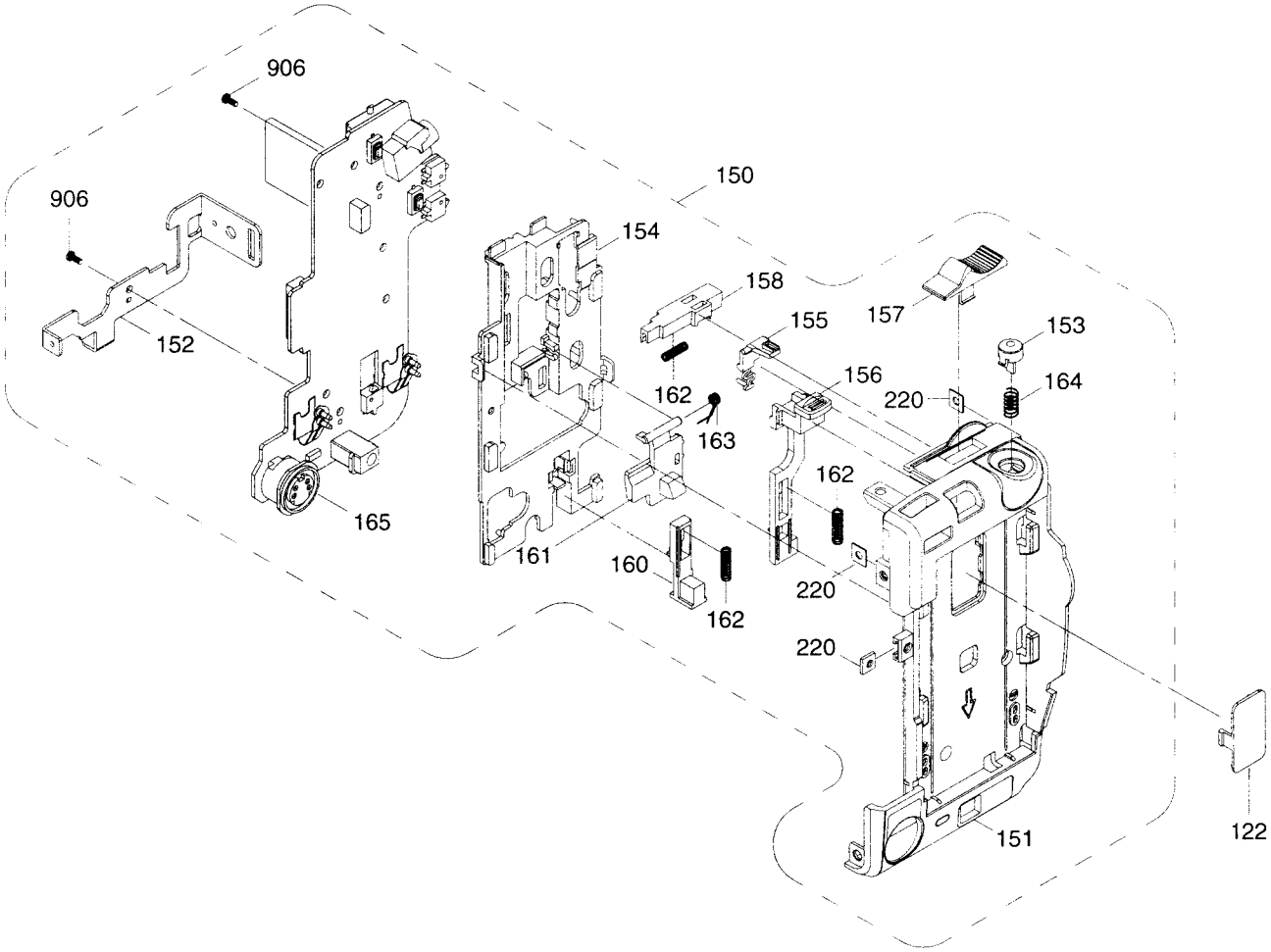
Loc. No	New Part No	Description and Specification	Remark
101	AD97-02464R	ASSY-MAIN BOARD;SC-L600/XAC,NTSC,NOR	SC-L600
	AD97-02464D	ASSY-MAIN BOARD;SC-L610/XAA,W2-PJ NTSC,N	SC-L610
	AD97-02464E	ASSY-MAIN BOARD;SC-L630/XAA,W2-PJ NTSC,N	SC-L630
	AD97-02464F	ASSY-MAIN BOARD;SC-L650/XAA,W2-PJ NTSC,H	SC-L650
	AD97-02464Q	ASSY-MAIN BOARD;VP-L600/XEU,W2-PJ PAL,NO	VP-L600/L600B
	AD97-02464A	ASSY-MAIN BOARD;VP-L610/XEU,W2-PJ PAL,NO	VP-L610/L610B/L610D
	AD97-02464B	ASSY-MAIN BOARD;VP-L630/XEU,W2-PJ PAL,NO	VP-L630
	AD97-02464C	ASSY-MAIN BOARD;VP-L650/XEU,W2-PJ PAL,HI	VP-L650
110	AD97-02897A	ASSY-CAMERA;-,-,W2-P/J,NTSC,NORMAL	SCL600/610/630/650 <SNA>
	AD97-02898A	ASSY-CAMERA;-,-,W2-P/J,PAL,NORMAL	VP-L600/L600B/L610 <SNA>
			VP-L610B/L610D/L630 <SNA>
	AD97-02899A	ASSY-CAMERA;-,-,W2-P/J,PAL,HI8	VP-L650 <SNA>
112	AD97-03040A	ASSY-LENS;-,-,WSHS	ALL
113	AD60-00034A	SPACER-CCD;-,-,-,-,BLK,M1-PJ	SCL600/610/630/650VP-L600
			VP-L600B/L610/L610B/L610D/L630
	AD63-62008A	SPACER-CCD;-,SILICON,22X,-,-,SC-L350	VP-L650
114	AD61-00576A	BRACKET-LENS(22X-180);W-PJ,SUS304,T0.5,-	ALL
115	AD29-92001F	FILTER-OLP;OG-BF455,KDS,SPACE,TR,-	SCL600/610/630/650/VP-L600
			VP-L600B/L610/L610B/L610D/L630
	AD29-00007A	FILTER-OLP;-,1SC141C2MM,-,-,BOX,VP-M52,-	VP-L650
116	AD97-03009A	ASSY-CCD;-,W-PJ,270K,SONY	SCL600/610/630/650
	AD97-03010A	ASSY-CCD;-,W-PJ,320K,SONY	VP-L600/L600B/L610/L610B/L610D
			VP-L630
	AD97-03011A	ASSY-CCD;-,W-PJ,470K,SONY	VP-L650
120	AD61-00222A	CHASSIS-TOP;-,SUS304,-,T0.5,-,-,-,-,-,M1	ALL
121	AD61-00321A	CHASSIS-BOTTOM;-,SUS304,-,T0.5,-,-,-,-,D	ALL
124	AD63-00131A	SHIELD-CASE TBC;-,SPTE T0.2,-,-,M-PJ,CS2	ALL
125	AD92-00005A	ASSY PCB-DECK FPC;M-PJ DE-6D,DECK FPC	ALL
128	AD97-01624A	ASSY-FPC ROTARY;VP-M52,-,M-PJ DE-6D	ALL
250	AD64-00422A	CASE-TOP;W-PJ,-,ABS 94HB,-,G3532	ALL
500	AD97-01898A	ASSY-DECK;-,DE-6F,PAL	VP-L600/L600B/L610 <SNA>
			VP-L610B/L610D/L630/L650 <SNA>
	AD97-01899A	ASSY-DECK;-,DE-6F,NTSC	SCL600/610/630/650 <SNA>
901	AC60-10017A	SCREW-MACHINE;BH,+,M1.7,X3.5,FEFZY,SWCH1	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
907	AC60-10024A	SCREW-MACHINE;BH,+,M2,X3,FZW,FE,-,-,-	ALL

5-5 Cabinet Assembly (5)



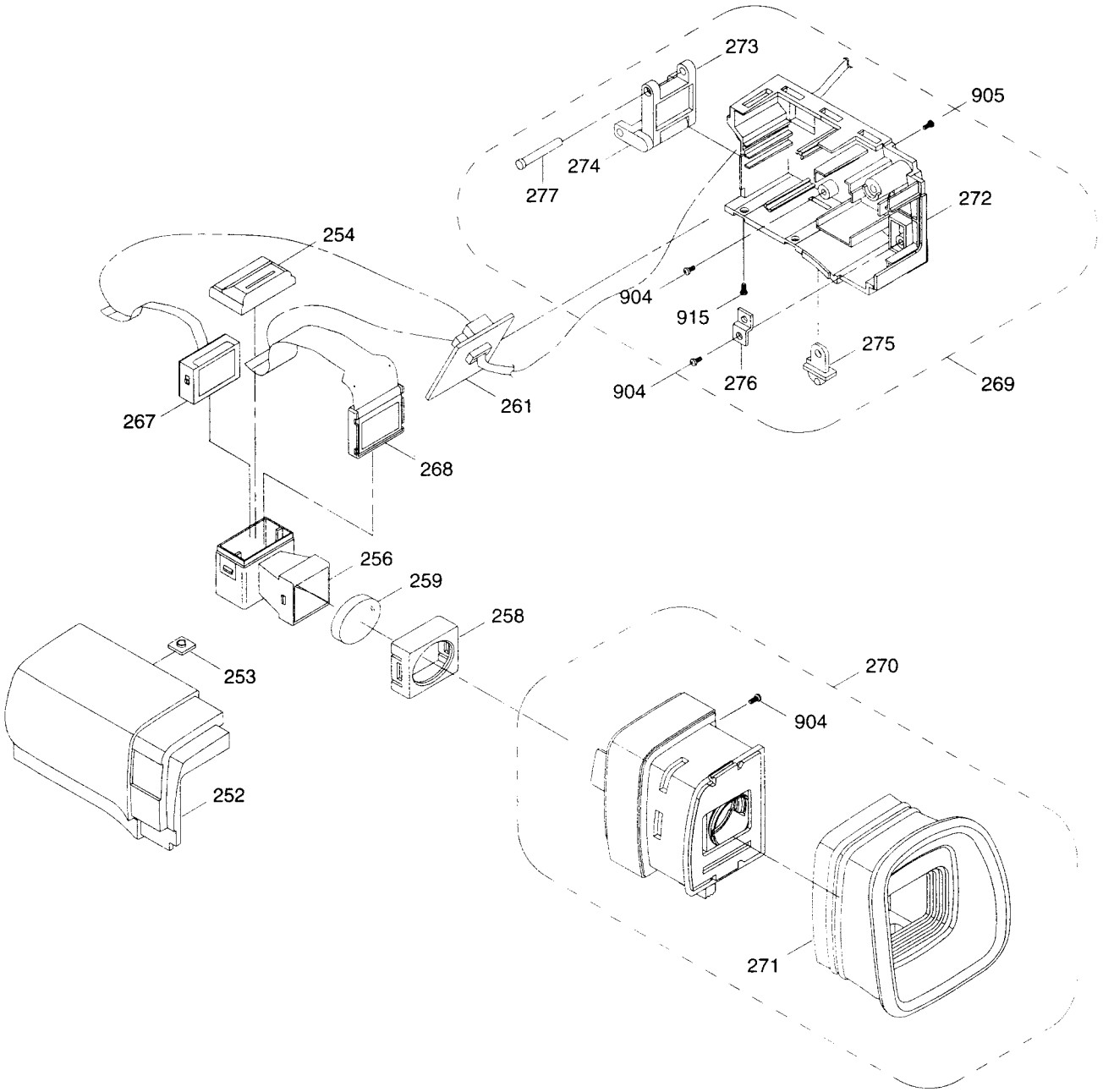
Loc. No	New Part No	Description and Specification	Remark
170	AD97-02642A	ASSY-COVER HOUSING;-,W-PJ,NORMAL	VP-L600
	AD97-02643A	ASSY-COVER HOUSING;-,W-PJ,Hi8	SCL600/610/630/650 VP-L600B/L610/L610B/L610D VP-L630/L650
180	AD97-02605A	ASSY-CASE RIGHT;-,W-PJ,EXP	ALL
181	AD64-00419A	CASE-RIGHT;W-PJ,-,ABS 94HB,-,G3532	ALL
182	AD64-00424A	BUTTON-REC/STOP;W-PJ,ABS 94HB,-,-,G3532	ALL
183	AD61-00575A	HOLDER-POWER;W-PJ,-,BLK,-,-,POM	ALL
184	AD64-00433A	KNOB-POWER;W-PJ,ABS 94HB,-,G3532,-,-,-,-	ALL
185	AD64-00457A	LOCKER-POWER;W-PJ,ABS94HB,GREEN,-,-,-,-	ALL
186	AD61-00214A	BRACKET-GRIP BACK;-,-,-,T0.8,-,SUS304,M1	ALL
187	AD59-00044A	UNIT-BELT GRIP;W-PJ,-,-,-,-,-,-,-,-,-,SA	ALL
188	AD97-03191A	ASSY-CAP HOOD;-,W-PJ,G3532	ALL
909	AD60-00003A	SCREW-TAPTITE;-,+,-,H8.5,2X6,-	ALL
911	AD60-10509A	SCREW-TAP TITE;-,PWH,+,-,M2X5,5,-	ALL

5-6 Cabinet Assembly (6)



Loc. No	New Part No	Description and Specification	Remark
122	AD63-00064D	COVER-JIG;W-PJ,-,-,-,D/GRY,ABS94HB,-	ALL
150	AD97-02602A	ASSY-CASE REAR;-,SCW61,NOR,D.ZOOM	VP-L600
	AD97-02604A	ASSY-CASE REAR;-,SCL650,Hi8,S.SHOT	SCL630/650/VP-L630/L650
	AD97-03188A	ASSY-CASE REAR(W2);-,W2-PJ,HI8,D.ZOOM	SCL600/610/VP-L610/L610B/L610D
151	AD64-00418A	CASE-REAR;W-PJ,-,ABS 94HB,-,-	VP-L600
	AD64-00418C	CASE-REAR;W-PJ,Hi8,S.SHOT,ABS 94HB,-,-	SCL630/650/VP-L630/L650
	AD64-00418E	CASE-REAR;W-PJ,HI8,D.ZOOM,ABS 94HB,-,-	SCL600/610/VP-L610/L610B/L610D
152	AD61-00578A	BRACKET-REAR(W2);W2-PJ,SUS304,T0.8,-,-	ALL
153	AD64-00423A	BUTTON-SNAP SHOT;W-PJ,ABS 94HB,-,-,G3532	ALL
154	AD61-00573A	HOLDER-BATTERY EJECT;W-PJ,-,-,-,-,ABS94H	ALL
155	AD61-00574A	HOLDER-SNAP SHOT;W-PJ,-,-,-,-,POM NTR	ALL
156	AD64-00431A	KNOB-BATTERY EJECT;W-PJ,ABS 94HB,-,G3532	ALL
157	AD64-00432A	KNOB-ZOOM;W-PJ,ABS 94HB,-,G3532,-,-,-,-	ALL
158	AD61-00602A	HOLDER-ZOOM;W-PJ,-,-,-,-,POM NTR	ALL
160	AD64-00176B	KNOB-DIDECTOR;W-PJ,ABS 94HB,-,-,-,-,-,-	ALL
161	AD64-00182B	LOCKER-BATTERY;W-PJ,POM,BLK,-,-,-,-	ALL
162	AD61-00218A	SPRING--BATTERY EJECT;-,M1-PJ,-,-,0.2,-,	ALL
163	AD61-00219A	SPRING--BATTERY LOCK;-,M1-PJ,-,-,0.2,-,-	ALL
164	AD61-00220A	SPRING--SNAP SHOT;-,M1-PJ,-,-,0.2,-,-,-	ALL
165	AD97-02890A	ASSY-REAR BOARD;-,W-P/J,Hi8,S.SHOT	VP-L600/L600B/L610/L610B VP-L610D/L630
	AD97-02894A	ASSY-REAR BOARD;-,W2-PJ,HI8	SCL600/610/630/650/VP-L650
220	AC61-32047A	PLATE-NUT;SECC,T0.8,-,-,SV-V40	ALL
906	AC60-10061A	SCREW-TAPPING;BH,+,-,M2,X5,ZPC	ALL

5-7 CVF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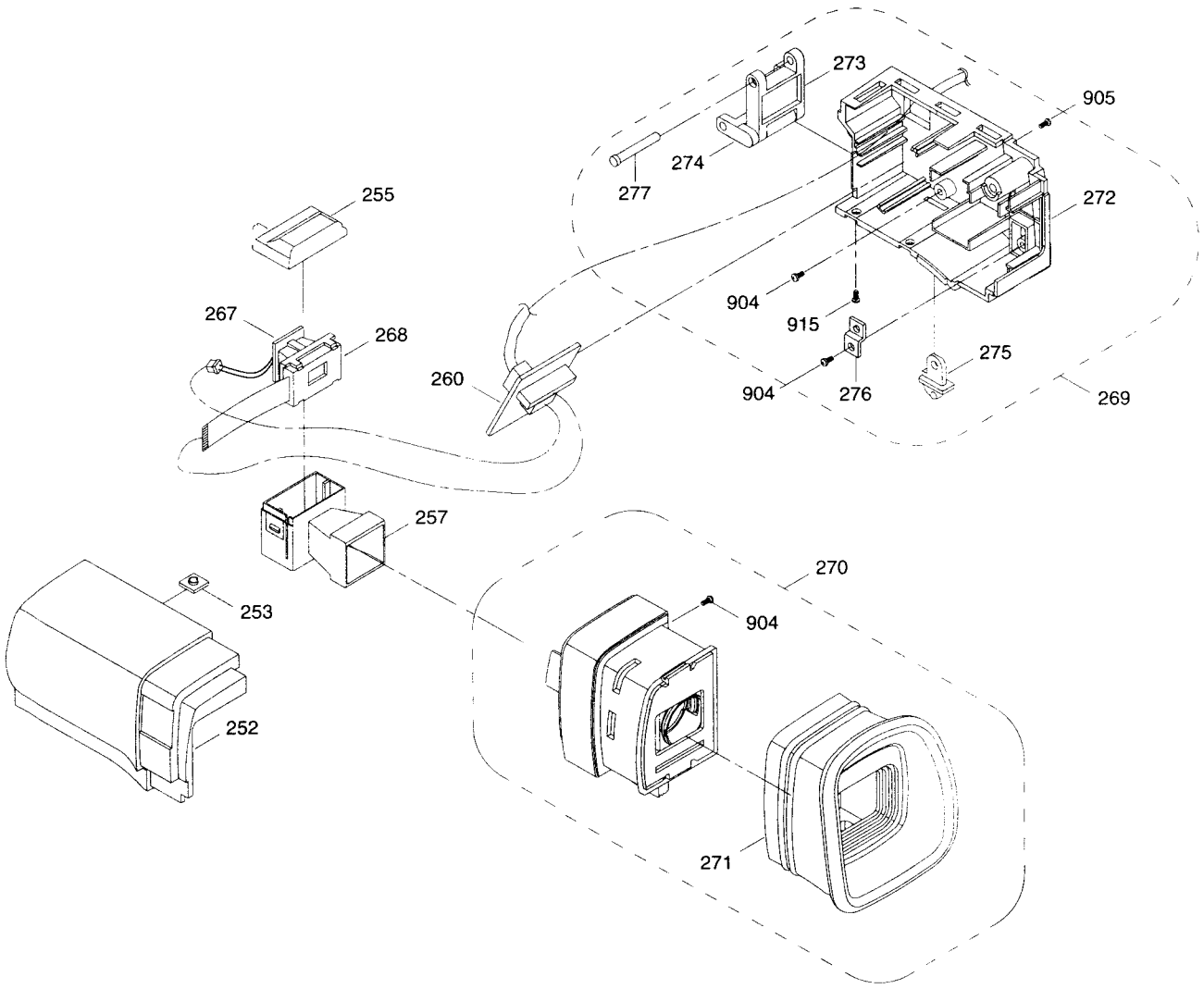
Loc. No	New Part No	Description and Specification	Remark
252	AD64-00450B	CASE-EVF L;W1-PJ/PAL,-,ABS94VO,-,-	ALL
253	AC61-32047A	PLATE-NUT;SECC,T0.8,-,-,SV-V40	ALL
254	AD61-00319A	HOLDER--CVF TOP;-,ABS 94VO,-,-,1∞≥,CS200	SCL650
256	AD61-00228A	HOLDER--CVF BOTTOM;-,ABS94VO,-,BLK,-,M1-	SCL650
258	AD61-00252A	HOLDER-COVER-LENS;-,ABS84HB,-,BLK,-,M1-P	SCL650
259	AD67-00026A	LENS--EVF-M-G2;-,-,PC,1.24,D11.2,-,EVF	SCL650
261	AD97-02703A	ASSY-CVF BOARD;-,-,W2-P/J,NT/PAL	SCL650
267	AD97-01103A	ASSY-BL;-,M1-PJ,0.44,5t,BUA0121A	SCL650
268	AD07-00008A	LCD-PANNEL;-,LCX032ANB-8,VP-D50,0.44INCH	SCL650
269	AD97-02442A	ASSY-CASE EVF R;-,W1-PJ,-	SCL650
270	AD97-02440A	ASSY-CVF LENS;-,W1-PJ,0.44Inch/COL	SCL650
271	AD73-00040A	RUBBER-EYE CUP;W1-PJ,SILICON,-,-,-,-,-,-	ALL
272	AD64-00452A	CASE-EVF R;W1-PJ,-,ABS 94VO,-,BW/COL	ALL
273	AD66-00105A	LINK-EVF;W1-PJ,POM BLK,-,-,-,-,-	ALL
274	AD66-00106A	LINK-LOCK;W1-PJ,ABS 94HB,-,-,-,-,-	ALL
275	AD64-00458A	LOCKER-EVF;W1-PJ,POM,-,-,-,-,-	ALL
276	AD61-00104A	GUIDE-PLATE;-,SPTE T0.8,-,-,-,-,ES400V	ALL
277	AD61-00297A	SHAFT-EVF;-,SUS303,-,-,-,-,CS2000	ALL
904	AC60-10055A	SCREW-TAPPING;BH,+,-,M2,X4,FZB	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
915	AC60-10043A	SCREW-TAPPING;1.7X6	ALL

5-8 EVF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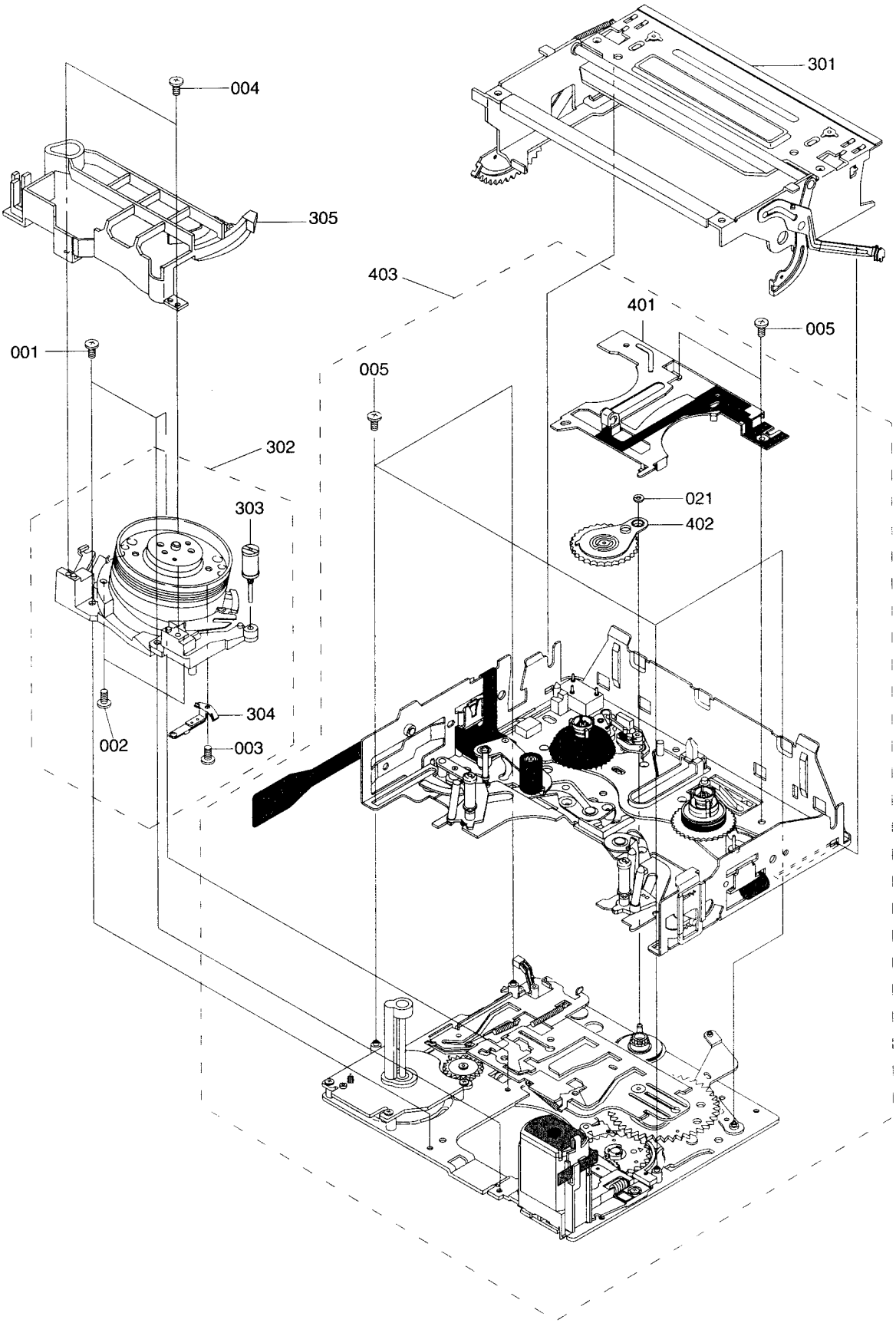
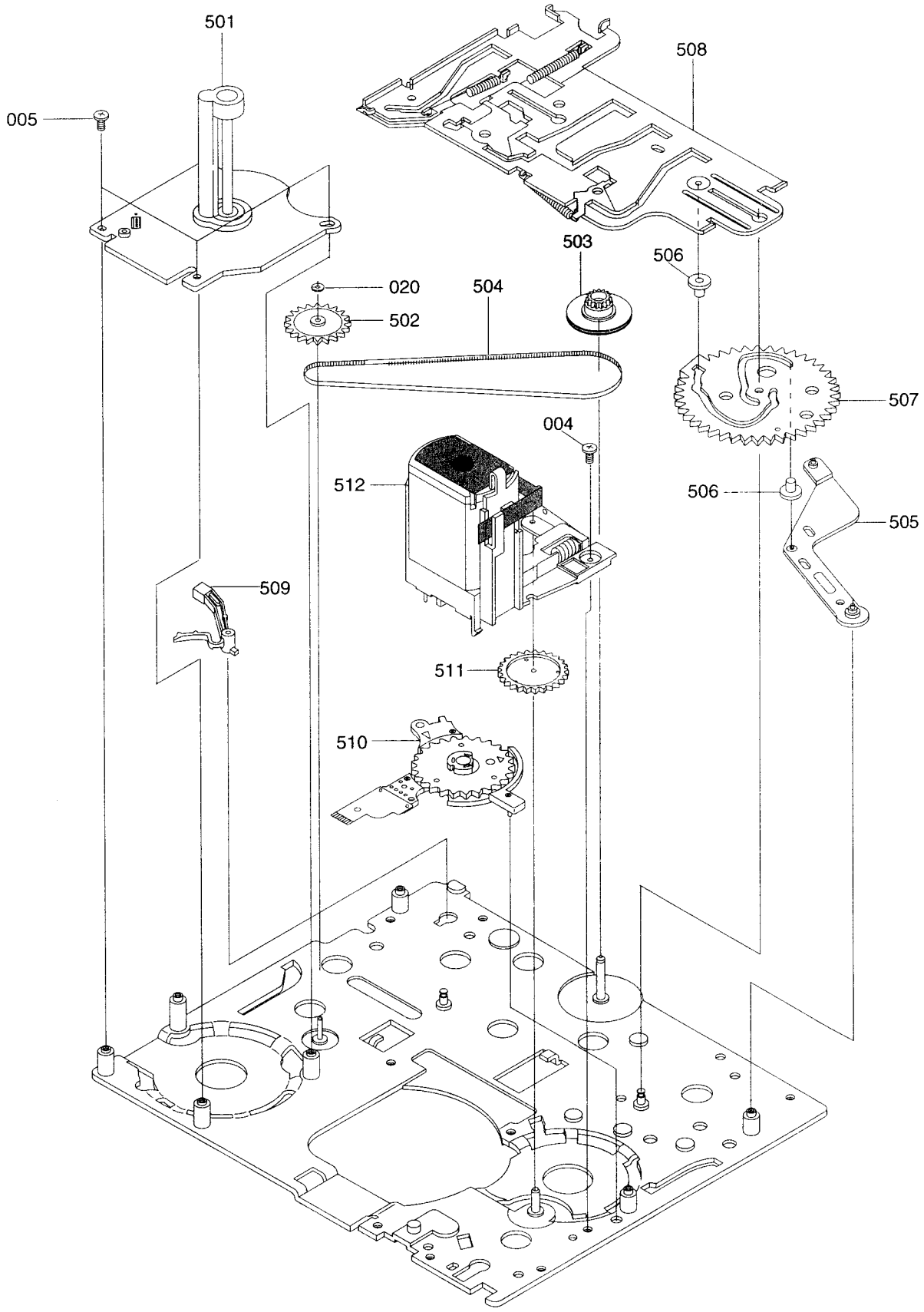
Loc. No	New Part No	Description and Specification	Remark
252	AD64-00450B	CASE-EVF L;W1-PJ/PAL,-,ABS94VO,-,-	ALL
253	AC61-32047A	PLATE-NUT;SECC,T0.8,-,-,SV-V40	ALL
255	AD61-00430A	HOLDER-CVF TOP;SC-D55,ABS 94HB BLK,-,-,-	SCL600/610/630 VP-L600/L600B/L610/L610B/L610D VP-L630/L650
257	AD61-00408A	HOLDER-CVF BOTTOM;M1-PJ/0.24INCH,-,-,-,-	SCL600/610/630 VP-L600/L600B/L610/L610B/L610D VP-L630/L650
260	AD97-02701A	ASSY-EVF BOARD;-,-,W2-P/J,NTSC	SCL600/610/630
	AD97-02702A	ASSY-EVF BOARD;-,-,W2-P/J,PAL	VP-L600/L600B/L610/L610B/L610D VP-L630/L650
267	AD97-01102A	ASSY-BL;M1-PJ,-,0.24,5t	SCL600/610/630 VP-L600/L600B/L610/L610B/L610D VP-L630/L650
268	AD07-00009A	LCD-PANNEL;-,MCVVQ410(320),VP-D50,0.24IN	SCL600/610/630 VP-L600/L600B/L610/L610B/L610D VP-L630/L650
269	AD97-02442A	ASSY-CASE EVF R;-,W1-PJ,-	SCL600/610/630 VP-L600/L610/L610D/L630/L650
	AD97-03523A	ASSY-CASE EVF R;-,	VP-L600B/L610B
270	AD97-02441A	ASSY-EVF LENS;-,W1-PJ,0.24Inch/B&W	SCL600/610/630 VP-L600/L600B/L610/L610B/L610D VP-L630/L650
271	AD73-00040A	RUBBER-EYE CUP;W1-PJ,SILICON,-,-,-,-,-,-	ALL
272	AD64-00452A	CASE-EVF R;W1-PJ,-,ABS 94VO,-,BW/COL	ALL
273	AD66-00105A	LINK-EVF;W1-PJ,POM BLK,-,-,-,-,-	ALL
274	AD66-00106A	LINK-LOCK;W1-PJ,ABS 94HB,-,-,-,-,-	ALL
275	AD64-00458A	LOCKER-EVF;W1-PJ,POM,-,-,-,-,-	ALL
276	AD61-00104A	GUIDE-PLATE;-,SPTE T0.8,-,-,-,-,ES400V	ALL
277	AD61-00297A	SHAFT-EVF;-,SUS303,-,-,-,-,CS2000	ALL
904	AC60-10055A	SCREW-TAPPING;BH,+,-,M2,X4,FZB	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
915	AC60-10043A	SCREW-TAPPING;1.7X6	ALL

5-9 Mechanical Parts (1)



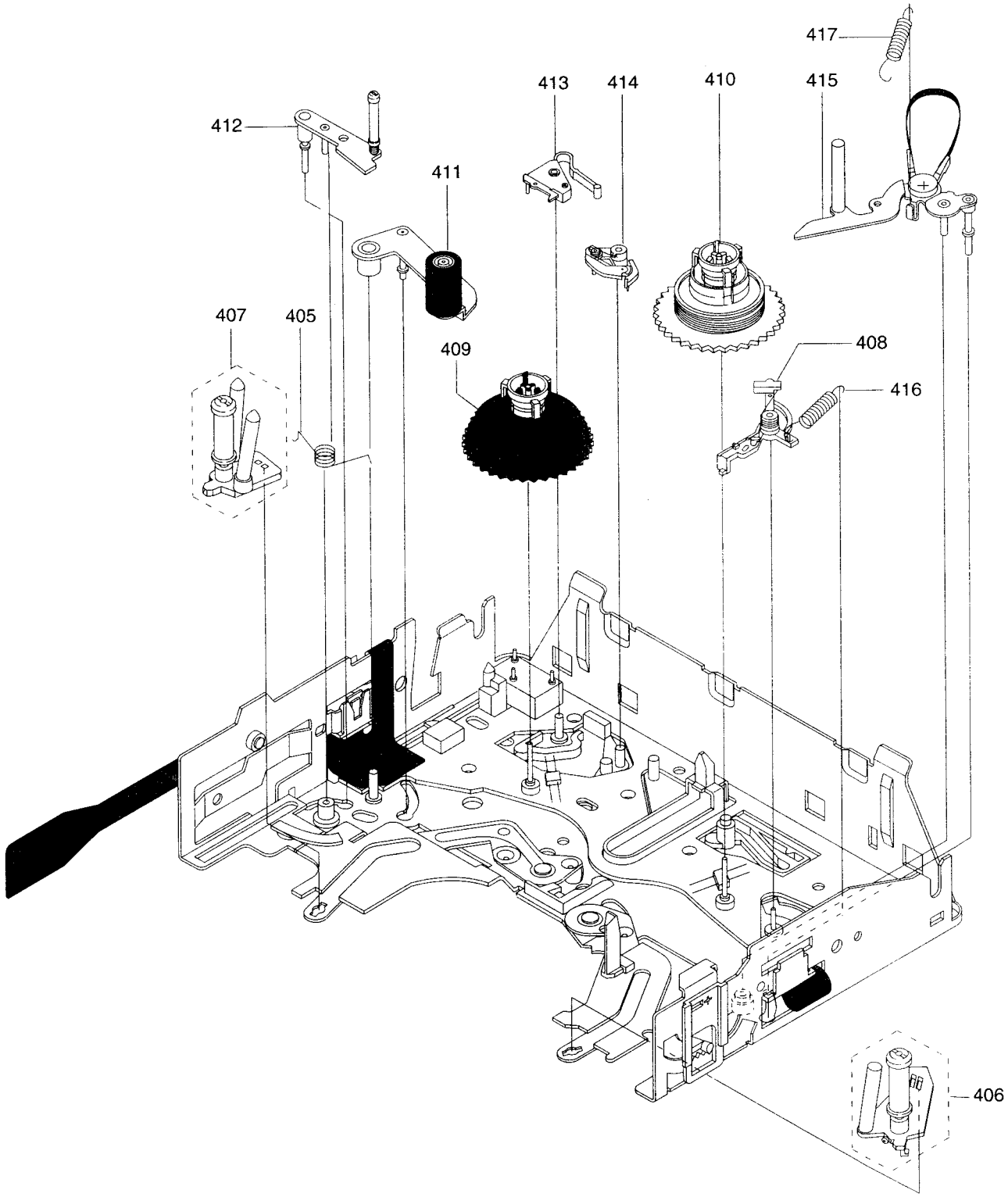
Loc. No	New Part No	Description and Specification	Remark
001	AC60-12083A	SCREW-MACHINE;B,BH,-,M1.7,L5,FE,WHT,-,-	
002	AD60-10500E	SCREW-MACHINE;-,BWSH,+,UP,M2,L5,ZPCNYLOK	
003	AD60-10500D	SCREW-MACHINE;-,BWSH,+,UP,M2,L7,ZPCNYLOK	
004	AC60-10017A	SCREW-MACHINE;BH,+,M1.7,X3.5,FEFZY,SWCH1	
005	AC60-12112A	SCREW-BH;-,BH,+,M1.4,L2,-	
021	AC60-30015A	WASHER-SLIT;ID 1.1,OD 2.6,T 0.4,POLYSLID	
301	AD96-10473P	ASS'Y-HOUSING;DE-6B,-	
302	AD97-00727A	ASSY-DRUM;DE-6D,-,NTSC	NTSC MODELS
	AD97-00728A	ASSY-DRUM;DE-6D,-,PAL	PAL MODELS
303	AD66-40153A	ROLLER-IMP ASS'Y;-,YF-10,OD7,-,DE-6	
304	AC61-72009A	CONTACT-EARTH BRUSH;SECC/PBSP/CR/C,-,-,-	
305	AC63-32091A	COVER-DRUM;DURACON(M90-44),-,-,-,-,-,DE-	
401	AC63-30009A	COVER-REEL ASS'Y;ABS 95,HB,-,-,-,-,DE-6,-	
402	AC66-12035A	IDLER-ASS'Y;-,-,DE-6	
403	AD97-01691A	ASSY-DECK;DE-6E,-,DECK	

5-10 Mechanical Parts (2)



Loc. No	New Part No	Description and Specification	Remark
004	AC60-10017A	SCREW-MACHINE;BH,+,M1.7,X3.5,FEFZY,SWCH1	
005	AC60-12112A	SCREW-BH;-,BH,+,M1.4,L2,-	
020	AC60-30017A	WASHER-SLIT;ID 1,OD 2.6,T 0.4,POLYSLIDER	
501	AD31-12010A	MOTOR-CAPSTAN;DE-6B SHS,-,-	
	AD31-12001Q	MOTOR-CAPSTAN;DMCCHL06A(DE-6),-,-	
502	AC66-22123A	GEAR-CAPSTAN(ASS'Y);-,-,-,-,-,DE-6	
503	AC66-22124A	GEAR-PULLEY(ASS'Y);-,-,-,-,-,DE-6	
504	AC66-62001A	BELT-TIMMING;POLYURETHAN,L137 T0.4,-,-,-	
505	AC66-32197A	LEVER-CAM;SUS430-CP,T0.6,-,-,DE-6,-	
506	AC66-42005A	ROLLER-CAM MAIN;SUS303,-,-,PI3.5X1.1	
507	AC66-22092A	GEAR-CAM MAIN;SUS304-CSP,M0.5,Z64,-,-,-	
508	AC66-82055A	SLIDER-MAIN(ASS'Y);-,-,-,-,DE-6	
509	AC66-32198A	LEVER-EJECT;DURANEX #3300,-,-,-,DE-6,-	
510	AC34-22001C	SWITCH-MODE ASS'Y;HMW0484-01WA,DE-6,-,-,-	
511	AC66-22126A	GEAR-LOADING;DURACON(99-44),M0.4,Z37 WO,	
512	AC31-12001P	MOTOR-LOADING ASS'Y;DE-6,-,-	

5-11 Mechanical Parts (3)



Loc. No	New Part No	Description and Specification	Remark
405	AD61-60622A	SPRING-REVIEW ARM;PS SUS304-WPB PI0.3	
406	AC61-52014A	POLE-BASE S(ASS'Y);ZDC2/SUS303,-,-,-,-,DE	
407	AC61-52015A	POLE-BASE T(ASS'Y);ZDC2/SUS303,-,-,-,-,DE	
408	AC66-32221A	BRAKE-SUB S(ASS'Y);-,-,-,-,DE-6,-	
409	AC66-12042A	REEL-T(ASS'Y);-,-,-,DE-6	
410	AC66-12041A	REEL-S(ASS'Y);-,-,-,DE-6	
411	AC66-32217A	ARM-PINCH ROLLER(ASS;-,-,-,-,DE-6	
412	AC66-32213A	ARM-REVIEW ASS'Y;-,-,-,-,DE-6	
413	AC66-32223A	BRAKE-MAIN(T);DURACON(M904-44),-,-,-,-,-	
414	AC66-30120A	BRAKE-SOFT T (ASS'Y);-,-,-,-,DE-6,-	
415	AC66-30093A	ARM-TENSION (ASS'Y);SUS304-CSP POM FELT,-	
416	AC61-62022A	SPRING-SOFT BRAKE(S);-,SUS304,-,-,-,-,-	
417	AC61-62023A	SPRING-TENSION;-,SUS304-WPB,-,-,-,-,-	

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6. Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
		ASSY-MAIN BOARD	
C101	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C106	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C107	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C108	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C109	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C110	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C111	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C112	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C113	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C114	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C115	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C116	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C117	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C118	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C119	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C120	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C121	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C130	2203-000315	C-CERAMIC,CHIP;0.12nF,5%,50V,NP0,TP,1608	
C132	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
C133	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
C134	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C136	2203-001683	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
C140	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C141	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C142	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C143	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C151	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C152	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C153	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C154	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C155	2203-000783	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,1608	
C156	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
C161	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
C162	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C163	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C167	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C171	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C172	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C173	2203-002605	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C174	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
C175	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
C176	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
C178	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
C179	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C180	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C181	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C186	2203-001052	C-CERAMIC,CHIP;0.56nF,10%,50V,X7R,TP,160	
C187	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C188	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C189	2203-002605	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C190	2203-001086	C-CERAMIC,CHIP;0.005nF,0.25pF,50V,NP0,TP	
C191	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C192	2203-000405	C-CERAMIC,CHIP;0.18nF,5%,50V,NP0,TP,1608	
C193	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C201	2404-001020	C-TA,CHIP;10uF,20%.10V,GP,TP,3216,3.2	
C202	2402-001114	C-AL,SMD;220uF,20%.4V,GP,TP,4.6x4.6x7.1	
C203	2402-001114	C-AL,SMD;220uF,20%,4V,GP,TP,4.6x4.6x7.1	
C204	2404-001020	C-TA,CHIP;10uF,20%.10V,GP,TP,3216,3.2	
C205	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C206	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C207	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C208	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C209	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C210	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C211	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C401	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C402	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C403	2203-000315	C-CERAMIC,CHIP;0.12nF,5%,50V,NP0,TP,1608	
C501	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C502	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C503	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C505	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C506	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C507	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
C508	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C509	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C510	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C511	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C512	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C513	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C514	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C515	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	

Loc. No	Part No	Desc & Spec	Remark
C516	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C517	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C518	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C519	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C520	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C522	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C523	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C524	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C525	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C526	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C527	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C528	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C529	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C530	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	NTSC
	2203-001662	C-CERAMIC,CHIP;5.6nF,10%,50V,NP0,TP,1608	PAL
C531	2203-000726	C-CERAMIC,CHIP;3.9nF,10%,50V,X7R,TP,1608	NTSC
	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	PAL
C532	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C533	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C534	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C535	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C536	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C537	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C538	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C601	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C602	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C603	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C604	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C605	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C606	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C607	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C610	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C611	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C612	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C614	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C615	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C616	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C617	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C618	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C619	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C620	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C621	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C622	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C623	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C626	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C627	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C628	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C701	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C702	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C703	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C704	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C705	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C706	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C707	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C708	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C709	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C710	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C711	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C712	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C713	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C714	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C715	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C716	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C717	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C718	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C719	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C720	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C721	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C722	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C723	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C724	2404-000275	C-TA,CHIP;100UF,10%,10V,GP,TP,7343	
C725	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C726	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C727	2404-000266	C-TA,CHIP;0.68uF,20%,25V,-,TP,3216	
C728	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C729	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C730	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C731	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C732	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C736	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C737	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C738	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C903	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C904	2203-005644	C-CERAMIC,CHIP;10000nF,10%,6.3V,X5R,TP,3	
C905	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C906	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C907	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C908	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C912	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C913	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	

Loc.No	Part No	Desc & Spec	Remark
C914	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C916	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C917	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C918	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C919	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C920	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C921	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C922	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	PAL
C923	2203-005644	C-CERAMIC,CHIP;10000nF,10%,6.3V,X5R,TP,3	
C928	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C929	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C930	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C931	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C932	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C933	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C934	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C935	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C936	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C937	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C938	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C939	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C940	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C941	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C942	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C943	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C944	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C945	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C946	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C947	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CA01	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CA02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA04	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CA05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA09	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
CA11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA12	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CA13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA14	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA15	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA16	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CA17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA18	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD01	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD02	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	Hi8
CD03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD04	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	Hi8
CD05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD09	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	Hi8
CD10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	Hi8
CD12	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	PAL/Hi8
	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	NTSC/Hi8
CD13	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	PAL/Hi8
	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	NTSC/Hi8
CL01	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL02	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
CL03	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
CL04	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
CL05	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
CL06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL10	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL14	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL15	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL16	2404-000190	C-TA,CHIP;22uF,20%,16V,-,TP,5832,-	
CL17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL20	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL21	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
CL22	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL23	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL24	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL25	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL26	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL27	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL28	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CN101	3708-001348	CONNECTOR-FPC/FC/PIC;11P,-,SMD-A,SN	
CN501	3708-001471	CONNECTOR-FPC/FC/PIC;43P,0.5mm,SMD-A,SN	
CN601	3711-004735	CONNECTOR-HEADER;BOX,38P,2R,0.8mm,SMD-A,	
CN602	3708-001584	CONNECTOR-FPC/FC/PIC;19P,1mm,SMD-A,SN	
CN603	3708-001582	CONNECTOR-FPC/FC/PIC;14P,0.5mm,SMD-A,SN	

Loc. No	Part No	Desc & Spec	Remark
CN604	3708-001581	CONNECTOR-FPC/FC/PIC;24P,0.5mm,SMD-A,SN	
CN606	3708-001581	CONNECTOR-FPC/FC/PIC;24P,0.5mm,SMD-A,SN	
CN701	3711-000541	CONNECTOR-HEADER;BOX,2P,1R,1.25mm,SMD-A,	
CN702	3711-000922	CONNECTOR-HEADER;BOX,4P,1R,1.25mm,SMD-A,	
CNP01	3710-001478	CONNECTOR-SOCKET;18P,2R,1MM,SMD-S,SN	
CNP02	3708-001575	CONNECTOR-FPC/FC/PIC;22P,0.5mm,SMD-A,SN	
CP01	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CP02	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP03	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP05	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP07	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP08	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP11	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP12	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP14	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP15	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP18	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP19	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP20	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP21	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP22	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP23	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP24	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP25	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
CP26	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP27	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	PAL
	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	NTSC
CP28	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP29	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP30	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP31	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP33	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP34	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP35	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP36	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP37	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP38	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP39	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP40	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP44	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
CP45	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP47	2203-001660	C-CERAMIC,CHIP;0.004NF,0.25PF,16V,NP0,TP	
CP48	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP49	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
CP50	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
CV01	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV02	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV03	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV04	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV05	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV06	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV07	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
CV08	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
CV09	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV10	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV11	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	NTSC
	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	PAL
CV12	2404-000377	C-TA,CHIP;1UF,20%,25V,GP,TP,3216,-	
CV13	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV14	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV15	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV18	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV20	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV21	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV22	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV23	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV24	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	NTSC/Hi8
CV25	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	NTSC/Hi8
CV26	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
D601	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D602	0402-001442	DIODE-RECTIFIER;-,30V,0.03A,SOD-323,TP	
D603	0402-001442	DIODE-RECTIFIER;-,30V,0.03A,SOD-323,TP	
D701	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D901	0401-001097	DIODE-SWITCHING;HN2D01FU,80V,80mA,1-2T1C	
D903	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DD01	0401-000170	DIODE-SWITCHING;MA110,40V,100mA,-,3nS,SM	
DP03	0405-001083	DIODE-VARACTOR;MA367,30V,10nA,SOD-323,TP	
IC101	1201-001312	IC-PREAMP;CXA2032Q,QFP,32P,7.0MIL,SINGLE	
IC201	1204-001759	IC-VIDEO PROCESS;UPC5020GS-129,SOP,24P,3	
IC401	1204-001458	IC-OSD PROCESSOR;M35040-064FP(SEC),DIP,2	
IC402	0801-002014	IC-CMOS LOGIC;7S32,OR GATE,SOT-25,5P,63M	
IC403	0801-000022	IC-CMOS LOGIC;7S00,NAND GATE,SOP,5P,49MI	
IC404	0801-000794	IC-CMOS LOGIC;7S08,AND GATE,SOT-25,5P,63	

Loc. No	Part No	Desc & Spec	Remark
IC405	0801-002534	IC-CMOS LOGIC;7WH74,D FLIP-FLOP,SSOP,8P,	
IC451	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-	
IC501	0909-001013	IC-REAL TIME CLOCK;5C372,8BIT,SOP,8P,-,3	
IC502	1003-001241	IC-MOTOR DRIVER;LB11990W,SQPF,64P,-,-,1A	
IC601	AD09-00098A	IC MICOM;UPD703040GM-023-UEU,SC-W62,176	NTSC
	AD09-00101A	IC MICOM;UPD703040GM-025-UEU,VP-W60,176	PAL
IC602	1203-001021	IC-VOLTAGE REGULATOR;8423,SOP,8P,251MIL,	
IC603	1103-001223	IC-EEPROM;24C16,2048x8Bit,SOP,8P,150MIL,	
IC701	1201-001406	IC-AUDIO AMP;7458,SQFP,64P,393MIL,-,-,PL	
IC901	1203-001534	IC-PWM CONTROLLER;TL1466I,QFP,64P,-,PLAS	
IC902	1203-002120	IC-VOLTAGE REGULATOR;1562,SOP,7P,173MIL,	
ICA01	1002-001258	IC-A/D CONVERTER;AD9806JST80016R3,10BITS	
ICD01	AH14-00001A	IC-DIS;KS7333,TQFP,-,80P,M-PJ	
ICD02	1105-001268	IC-DRAM;3617161,512Kx16bitx2Bit,TSOP,5	
ICD03	0801-000022	IC-CMOS LOGIC;7S00,NAND GATE,SOP,5P,49MI	
ICL01	1201-000240	IC-OP AMP;2902,SOP,14P,173MIL,QUAD,15V/m	
ICL02	1003-001200	IC-MOTOR DRIVER;UPD16835,SOP,38P,300MIL,	
ICL03	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-	
ICP01	AD13-00010A	IC-DSP;MB87L1551,W-PJ,176P,-,QFP,-,-,	
ICP02	1003-001065	IC-CLOCK DRIVER;KS7221D,SOP,20P,225MIL,Q	
ICV01	1204-001760	IC-VIDEO PROCESS;UPC5020GR-125,SOP,20P,3	
ICV03	AD14-10001C	IC-AMP;NJM2904V,SSOP,OP-AMP	PAL
L101	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm	
L102	2703-000404	INDUCTOR-SMD;220uH,10%,3.2x2.5x2.2mm	
L103	2703-000404	INDUCTOR-SMD;220uH,10%,3.2x2.5x2.2mm	
L130	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L131	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L151	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L152	2703-000379	INDUCTOR-SMD;150uH,5%,3.2x2.5x2.2mm	
L153	2703-000366	INDUCTOR-SMD;22uH,5%,2.5x2x1.8mm	
L154	2703-000373	INDUCTOR-SMD;68uH,5%,2.5x2x1.8mm	
L171	2703-000365	INDUCTOR-SMD;15uH,5%,2.5x2x1.8mm	
L172	2703-000375	INDUCTOR-SMD;82uH,5%,2.5x2x1.8mm	
L173	2703-000417	INDUCTOR-SMD;220uH,5%,3.2x2.5x2.2mm	
L181	2703-002094	INDUCTOR-SMD;22uH,10%,2.5x2.0x1.8mm	
L186	2703-000375	INDUCTOR-SMD;82uH,5%,2.5x2x1.8mm	
L187	2703-000376	INDUCTOR-SMD;8.2uH,5%,2.5x2x1.8mm	
L201	2703-000409	INDUCTOR-SMD;47uH,10%,3.2x2.5x2.2mm	
L401	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
L601	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L701	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L702	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm	
L902	2703-001871	INDUCTOR-SMD;10UH,20%,6X6X2.8MM	
L903	2703-002054	INDUCTOR-SMD;47uH,20%,6x6.3x3.0mm	
L904	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	

Loc. No	Part No	Desc & Spec	Remark
L910	2703-001871	INDUCTOR-SMD;10UH,20%,6X6X2.8MM	
L911	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm	
L912	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm	
L913	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L914	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L915	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L916	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L918	2703-002054	INDUCTOR-SMD;47uH,20%,6x6.3x3.0mm	
L923	2703-002054	INDUCTOR-SMD;47uH,20%,6x6.3x3.0mm	
LA01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LA02	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LA03	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LA04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LD01	2703-000400	INDUCTOR-SMD;15uH,10%,3.2x2.5x2.2mm	
LD02	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP02	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
LP03	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LP04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP05	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP06	2703-000373	INDUCTOR-SMD;68uH,5%,2.5x2x1.8mm	
LV01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
PS901	3601-001146	FUSE-SURFACE MOUNT;63V.2A,SLOW-BLOW,EPOX	
Q130	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q131	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
Q141	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q142	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
Q151	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q152	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q153	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q161	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q162	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q171	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
Q172	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q173	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q186	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q188	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q189	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q451	0505-001417	FET-SILICON;TPC8303,P,-30V,-4.5A,55mohm,	
Q453	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q454	0504-001035	TR-DIGITAL;KRA301,PNP,100MW,4.7K/4.7K,SO	
Q455	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q501	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q502	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q601	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	

Loc. No	Part No	Desc & Spec	Remark
Q604	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q701	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
Q702	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q703	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q901	0502-001184	TR-POWER;CPH6701,PNP,1300mW,SOT-23-6L,T	
Q902	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
Q903	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q904	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
Q905	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q906	0502-001184	TR-POWER;CPH6701,PNP,1300mW,SOT-23-6L,T	
Q907	0502-001184	TR-POWER;CPH6701,PNP,1300mW,SOT-23-6L,T	
Q908	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
Q909	0502-001184	TR-POWER;CPH6701,PNP,1300mW,SOT-23-6L,T	
Q910	0502-001184	TR-POWER;CPH6701,PNP,1300mW,SOT-23-6L,T	
Q911	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
Q912	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q915	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
Q916	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q919	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q920	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q923	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QA01	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QA02	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QA05	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
QP01	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP02	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QP38	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QV01	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QV02	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QV03	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QV06	0501-000596	TR-SMALL SIGNAL;2SB970R,PNP,200MW,SOT-23	
R101	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R104	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R106	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
R110	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R111	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R112	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R114	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R115	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R116	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R117	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R118	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R119	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R120	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R121	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R124	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R130	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R132	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R134	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R135	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R137	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	NTSC
	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608	PAL
R140	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R141	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R142	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R143	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R144	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R145	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R147	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R148	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R149	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R151	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R152	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R153	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R154	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R155	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R158	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R159	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R160	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R161	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	PAL
	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	NTSC
R162	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R163	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R164	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R167	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	PAL
	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	NTSC
R168	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R169	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R170	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R171	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R172	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R173	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R174	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R175	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R176	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R177	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R178	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R179	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R180	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R181	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R182	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R183	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R187	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
R188	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R189	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R190	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R191	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R192	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R193	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R194	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R195	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R196	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R197	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R198	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R199	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	PAL
	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	NTSC
R200	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R201	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608	
R202	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608	
R203	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608	
R205	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R401	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R402	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R403	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R451	2007-000923	R-CHIP;470Kohm,1%,1/16W,DA,TP,1608	
R452	2007-000563	R-CHIP;220Kohm,1%,1/16W,DA,TP,1608	
R454	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R456	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R457	2007-000043	R-CHIP;1Kohm,1%,1/16W,DA,TP,1608	
R458	2007-000067	R-CHIP;15Kohm,1%,1/16W,DA,TP,1608	
R511	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R512	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R513	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R514	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R516	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R517	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R518	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R519	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R520	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R521	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R522	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R523	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R524	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R525	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R526	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R527	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R528	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R529	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R533	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R534	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R535	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	NTSC
	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	PAL
R536	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R537	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R538	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R539	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R540	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R541	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R542	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R543	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R544	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R545	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R546	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R547	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R548	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R549	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R550	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R551	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R552	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R553	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	NTSC
	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	PAL
R554	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R561	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R562	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R571	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R573	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R575	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R577	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R579	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R581	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R583	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R585	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R587	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R588	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R589	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R590	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R591	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R592	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R593	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R594	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R595	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R601	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R602	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R603	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R605	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R606	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R608	2007-000065	R-CHIP;2.2Mohm,5%,1/16W,DA,TP,1608	
R609	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R610	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R611	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R612	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R613	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R614	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R615	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R616	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R617	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R618	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R619	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R620	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R621	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R622	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R623	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R624	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R625	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R627	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R628	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R629	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R630	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	NTSC
R631	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R633	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R634	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	PAL
R635	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	PAL/Hi8
R636	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	NTSC/Hi8
R637	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R638	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R639	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R640	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R641	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R642	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R643	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R644	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R645	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R646	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R647	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R648	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R649	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R650	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R651	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R652	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R653	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R655	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
R656	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R657	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R658	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R659	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R660	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R662	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R663	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R664	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R665	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R666	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R667	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R668	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R669	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R670	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R671	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R672	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R673	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R674	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
R675	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R676	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R677	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
R678	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R679	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R680	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R681	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R682	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R685	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R686	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R687	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R688	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R690	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R691	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R694	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R695	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
R696	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R697	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R698	2007-001125	R-CHIP;68Kohm,1%,1/16W,DA,TP,1608	
R699	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R701	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R702	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R703	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R704	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R705	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R706	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R708	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R709	2007-000462	R-CHIP;18OHM,5%,1/10W,DA,TP,2012	
R710	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R711	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R713	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R714	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R716	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R717	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R718	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R719	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R720	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R721	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R722	2007-000708	R-CHIP;3.9Kohm,1%,1/16W,DA,TP,1608	
R723	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R724	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R726	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R727	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R728	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R731	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R742	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R901	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R902	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R903	2007-007203	R-CHIP;5.6Kohm,0.5%,1/16W,DA,TP,1608	
R907	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R908	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R909	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R910	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R911	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R912	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R913	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R914	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R915	2007-001695	R-CHIP;22Kohm,0.5%,1/16W,DA,TP,1608	
R916	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R917	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R918	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R919	2007-001650	R-CHIP;8.2Kohm,0.5%,1/16W,DA,TP,1608	
R920	2007-001643	R-CHIP;100Kohm,0.5%,1/16W,DA,TP,1608	
R921	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R922	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R923	2007-001068	R-CHIP;6.8Kohm,1%,1/16W,DA,TP,1608	
R924	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R925	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R926	2007-001644	R-CHIP;10Kohm,0.5%,1/16W,DA,TP,1608	
R927	2007-000043	R-CHIP;1Kohm,1%,1/16W,DA,TP,1608	
R928	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R929	2007-001649	R-CHIP;4.7Kohm,0.5%,1/16W,DA,TP,1608	
R930	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R931	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R932	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R933	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
R934	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R935	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R936	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R937	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R939	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R940	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R941	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R942	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R943	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R944	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R945	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R947	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R950	2007-000088	R-CHIP;7.5Kohm,5%,1/16W,DA,TP,1608	
R952	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R954	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	NTSC
	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	PAL
R955	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R958	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R960	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R961	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RA01	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RA03	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RA06	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RA07	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RD01	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	NTSC[8]
	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	PAL[8]
RD02	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	NTSC[8]
	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	PAL[8]
RL01	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RL02	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RL03	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
RL04	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RL05	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RL06	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RL07	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RL08	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RL09	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL10	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL11	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL12	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RL13	2007-000096	R-CHIP;30Kohm,5%,1/16W,DA,TP,1608	
RL14	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL15	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RL16	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RL17	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL18	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL19	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
RL20	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL21	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL22	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL23	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL24	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RL25	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL26	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL27	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL28	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL29	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL30	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL31	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL32	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL33	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RL34	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RL35	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RL38	2007-000448	R-CHIP;180ohm,1%,1/16W,DA,TP,1608	
RL39	2007-000448	R-CHIP;180ohm,1%,1/16W,DA,TP,1608	
RL43	2007-000287	R-CHIP;100ohm,1%,1/16W,DA,TP,1608	
RP04	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP05	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
RP06	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP07	2007-001042	R-CHIP;56ohm,1%,1/16W,DA,TP,1608	
RP08	2007-001042	R-CHIP;56ohm,1%,1/16W,DA,TP,1608	
RP09	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP10	2007-000287	R-CHIP;100ohm,1%,1/16W,DA,TP,1608	
RP11	2007-000287	R-CHIP;100ohm,1%,1/16W,DA,TP,1608	
RP12	2007-001042	R-CHIP;56ohm,1%,1/16W,DA,TP,1608	
RP13	2007-000073	R-CHIP;91ohm,5%,1/16W,DA,TP,1608	
RP15	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RP16	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP17	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RP18	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RP19	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	NTSC
	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	PAL
RP20	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP21	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
RP23	2007-000040	R-CHIP;150ohm,1%,1/16W,DA,TP,1608	
RP24	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RP25	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
RP26	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
RP27	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP28	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP29	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP30	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RP31	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP32	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP33	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RP34	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
RP35	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
RP36	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP37	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RP38	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP40	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP41	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP42	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP43	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP44	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP45	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP46	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP47	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP48	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP49	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP50	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RP51	2007-000287	R-CHIP;100ohm,1%,1/16W,DA,TP,1608	
RP52	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
RV01	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV02	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RV03	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV04	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RV05	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RV06	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	NTSC
	2007-000099	R-CHIP;62Kohm,5%,1/16W,DA,TP,1608	PAL
RV07	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RV12	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	PAL

Loc. No	Part No	Desc & Spec	Remark
RV14	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	PAL
RV15	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	PAL
RV16	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV17	2007-001693	R-CHIP;15Kohm,0.5%,1/16W,DA,TP,1608	
RV18	2007-001693	R-CHIP;15Kohm,0.5%,1/16W,DA,TP,1608	
RV19	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	PAL
RV20	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	PAL
RV21	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	PAL
RV22	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	NTSC
RV23	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	NTSC
RV24	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RV25	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	NTSC/Hi8
RV26	2007-000073	R-CHIP;91ohm,5%,1/16W,DA,TP,1608	NTSC/Hi8
SW601	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW602	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW603	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW606	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW607	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
T901	AD26-00024A	TRANS POWER;CLQ52,W2-PJ,42UH,8P,6~9V,15V	PAL
	AD26-00025A	TRANS POWER;CLQ52,W3-PJ,42UH,8P,6~9V,15V	NTSC
X601	2801-004006	CRYSTAL-SMD;20MHz,50ppm,28-ABV,16pF,40oh	
X602	2801-000258	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAW,12.5	
XP01	2801-003919	CRYSTAL-SMD;28.636MHz,40ppm,28-ABL,7pF,6	NTSC
	2801-004030	CRYSTAL-SMD;28.5MHZ,30PPM,28-ABL,7PF,30O	PAL
		ASSY-LCD BOARD	
CL101	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL102	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL103	2301-001108	C-FILM,CHIP;22nF,5%,50V,TP,3.2x2.5x1.4,3	
CL104	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CL105	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CL106	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL107	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CL108	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL109	2203-005046	C-CERAMIC,CHIP;0.022nF,5%,3kV,NP0,TP,452	
CL201	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	PAL
CL202	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	PAL
CL203	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL204	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL205	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CL206	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL207	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CL208	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL209	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL210	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	NTSC
CL212	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	NTSC

Loc. No	Part No	Desc & Spec	Remark
CL213	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	NTSC
CL214	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL215	2203-001052	C-CERAMIC,CHIP;0.56nF,10%,50V,X7R,TP,160	NTSC
CL216	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	NTSC
CL217	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL218	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	NTSC
CL220	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	NTSC
CL221	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL222	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL223	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL224	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL225	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL226	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	NTSC
CL321	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	NTSC
CL322	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	NTSC
CNL101	3708-001578	CONNECTOR-FPC/FC/PIC;24P,0.5mm,SMD-A,SN	NTSC
	3708-001603	CONNECTOR-FPC/FC/PIC;24P,0.5MM,SMD-A,SN-	PAL
CNL102	3708-001334	CONNECTOR-FPC/FC/PIC;10P,0.8mm,SMD-A,SN	
CNL201	3708-001025	CONNECTOR-FPC/FC/PIC;30P,0.5mm,ANGLE,SN	NTSC
	3708-001604	CONNECTOR-FPC/FC/PIC;24P,0.5MM,SMD-A,SN	PAL
DL201	0405-000123	DIODE-VARACTOR;1T369,34V,10nA,DSM,TP	NTSC
DL202	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	NTSC
ICL201	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	NTSC
ICL202	AC14-12012B	IC;BA7046F-T1,SOP,-	NTSC
LL101	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LL102	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
LL103	2703-001196	INDUCTOR-SMD;150uH,20%,7x7x3.2mm	
LL201	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	PAL
LL202	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LL203	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LL204	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LL205	2703-000371	INDUCTOR-SMD;4.7uH,5%,2.5x2x1.8mm	NTSC
LL206	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	NTSC
QL101	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
QL102	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
QL103	0502-001182	TR-POWER;KTD1898,NPN,500mW,SOT-89,TP,12	
QL104	0502-001182	TR-POWER;KTD1898,NPN,500mW,SOT-89,TP,12	
QL201	0501-000596	TR-SMALL SIGNAL;2SB970R,PNP,200MW,SOT-23	NTSC
QL202	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	NTSC
RL101	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL102	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
RL103	2007-000116	R-CHIP;120ohm,5%,1/16W,DA,TP,1608	
RL104	2007-000516	R-CHIP;2.7Kohm,1%,1/16W,DA,TP,1608	
RL105	2007-000516	R-CHIP;2.7Kohm,1%,1/16W,DA,TP,1608	
RL106	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	

Loc.No	Part No	Desc & Spec	Remark
RL201	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	NTSC
RL202	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	NTSC
RL203	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	PAL
	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	NTSC
RL204	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	NTSC
RL205	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	NTSC
RL206	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	NTSC
RL207	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	NTSC
RL208	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	NTSC
RL209	2007-000683	R-CHIP;3.3Kohm,1%,1/16W,DA,TP,1608	NTSC
RL210	2007-000869	R-CHIP;4.7Kohm,1%,1/16W,DA,TP,1608	NTSC
RL211	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	NTSC
RL212	2007-000979	R-CHIP;5.6Kohm,1%,1/16W,DA,TP,1608	NTSC
RL213	2007-001175	R-CHIP;8.2Kohm,1%,1/16W,DA,TP,1608	NTSC
RL214	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	NTSC
RL215	2007-000043	R-CHIP;1Kohm,1%,1/16W,DA,TP,1608	NTSC
RL216	2007-001175	R-CHIP;8.2Kohm,1%,1/16W,DA,TP,1608	NTSC
RL217	2007-000869	R-CHIP;4.7Kohm,1%,1/16W,DA,TP,1608	NTSC
RL218	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	NTSC
RL224	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	NTSC
RL225	2007-000103	R-CHIP;120Kohm,5%,1/16W,DA,TP,1608	NTSC
RL226	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	NTSC
RL227	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	NTSC
RL228	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	NTSC
RL777	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	NTSC
SWL101	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
TL101	AD26-82001C	TRANS-INVERTER;12.4X11X3.4,6V,101KHZ,843	
VRL201	2104-000110	VR-SMD;10Kohm,25%,0.15W,TOP	NTSC
VRL202	2104-000110	VR-SMD;10Kohm,25%,0.15W,TOP	NTSC
		ASSY-FUNCTION BOARD	
CN471	3708-001564	CONNECTOR-FPC/FC/PIC;19P,1mm,ANGLE,SN	
CN472	3711-000988	CONNECTOR-HEADER;BOX,5P,1R,2mm,ANGLE,SN	
CN473	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN	
J470	3811-000389	WIRE-NO SHEATH CU;SPCW,300V,52.4mm,1/0.5	
R471	2004-000971	R-METAL;470ohm,1%,1/8W,AA,TP,1.8x3.2mm	
R472	2004-000413	R-METAL;18Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R473	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8	
R474	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8	
R475	2004-000971	R-METAL;470ohm,1%,1/8W,AA,TP,1.8x3.2mm	
R476	2004-000413	R-METAL;18Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R477	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8	
R478	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8	
RM471	AD32-00010A	MODULE REMOCON;PIC-2604 SM1,37.9KHz,940n	
SW471	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW472	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW473	3404-001159	SWITCH-TACT;12V DC.50mA,160gf,8.5x7.8x7.	
SW474	3404-001159	SWITCH-TACT;12V DC.50mA,160gf,8.5x7.8x7.	
SW475	3404-001118	SWITCH-TACT;12V DC.50mA,130gf,5x6x4.3mm,	
SW476	3404-001118	SWITCH-TACT;12V DC.50mA,130gf,5x6x4.3mm,	
SW477	3404-001118	SWITCH-TACT;12V DC.50mA,130gf,5x6x4.3mm,	
SW478	3404-001118	SWITCH-TACT;12V DC.50mA,130gf,5x6x4.3mm,	
SW479	3409-001127	SWITCH-DETECTOR:5VDC,1mA,1,31gf,LEVER	
VR471	2101-001078	VR-ROTARY;1ohm,-,-.TOP	
		ASSY-EVF BOARD	
CE01	2404-001020	C-TA,CHIP;10uF,20%.10V,GP,TP,3216,3.2	
CE02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE04	2203-000440	C-CERAMIC,CHIP;1nF.10%,50V,X7R,TP,1608.-	
CE05	2404-000284	C-TA,CHIP;10uF,20%.16V,-,TP,3528,-	
CE07	2404-001020	C-TA,CHIP;10uF.20%.10V,GP,TP,3216,3.2	
CE08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE12	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE13	2203-000975	C-CERAMIC,CHIP;47nF.10%,25V,X7R,TP.1608.	
CE14	2404-000151	C-TA,CHIP;1uF.20%.16V.-.TP,3216,-	
CE15	2404-000151	C-TA,CHIP;1uF,20%.16V.-,TP,3216,-	
CE16	2404-001020	C-TA,CHIP;10uF.20%.10V,GP,TP,3216,3.2	
CE17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CE18	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CE19	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V.TP,	
CNE01	3711-000475	CONNECTOR-HEADER;3WALL,5P,1R,1.25mm,SMD-	
CNE02	3708-001076	CONNECTOR-FPC/FC/PIC;20P,0.5mm,SMT-S,SN	
CNE03	3711-002162	CONNECTOR-HEADER;3WALL,2P,1R,1.25mm,SMD-	
DE01	0401-001054	DIODE-SWITCHING:KDS160,85V,300mA,SOD-323	
ICE01	1003-001373	IC-LCD DRIVER;MCVVQ111FB,LQFP,48P,276MIL	
LE01	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LE03	2703-000397	INDUCTOR-SMD;33uH.10%,2.5x2x1.8mm	
QE02	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
RE01	2007-001125	R-CHIP;68Kohm,1%.1/16W,DA,TP,1608	
RE02	2007-001068	R-CHIP;6.8Kohm,1%.1/16W,DA,TP,1608	
RE05	2007-000828	R-CHIP;39Kohm.1%,1/16W,DA,TP,1608	
RE06	2007-000828	R-CHIP;39Kohm.1%,1/16W,DA,TP,1608	
RE07	2007-000078	R-CHIP;1Kohm,5%.1/16W,DA,TP,1608	
RE09	2007-000070	R-CHIP;0ohm,5%.1/16W,DA,TP,1608	
RE13	2007-001670	R-CHIP;68OHM,1%.1/10W,DA,TP,2012	
RE16	2007-000090	R-CHIP;10Kohm,5%.1/16W,DA,TP,1608	
RE17	2007-000082	R-CHIP;3.3Kohm,5%.1/16W,DA,TP,1608	
RE19	2007-000090	R-CHIP;10Kohm,5%.1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RE21	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RE24	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RE25	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RE26	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RE29	2007-000091	R-CHIP:12Kohm,5%,1/16W,DA,TP,1608	
VRE02	2104-000110	VR-SMD;10Kohm,25%,0.15W,TOP	
		ASSY-CVF BOARD	
CNV01	3708-001075	CONNECTOR-FPC/FC/PIC;14P,0.5mm,SMT-S,SN	
CNV02	3708-000514	CONNECTOR-FPC/FFC/PIC;16P,0.5mm,SMD-S,SN	
CNV03	3708-001436	CONNECTOR-FPC/FC/PIC;4P,1mm,SMD-S,SN	
CV01	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CV02	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP.	
CV04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV06	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
CV07	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
CV08	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CV09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
LV01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LV02	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LV06	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
QV02	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
RV03	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RV04	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RV05	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
RV06	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RV08	2007-001670	R-CHIP;68OHM,1%,1/10W,DA,TP,2012	
		ASSY-REAR BOARD	
CN451	3710-001676	CONNECTOR-SOCKET;38P,2R,0.8mm,SMD-S,SN	
CN452	3710-001479	CONNECTOR-SOCKET;14P,2R,1MM,SMD-S,SN	
D451	0601-001418	LED;SMD,AMB,-,610nm	
J452	AD97-01200A	ASSY-S-JACK;M1-PJ,-,-	
J452	AD97-03052A	ASSY-DC JACK;3P,W-PJ,DDSE-0056	
J453	3722-001202	JACK-PHONE;7P,3.6MM,AG,YEL,NO	
Q451	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
R451	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
R452	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R466	2007-007948	R-CHIP;0.1ohm,1%,0.75W,DA,TP,5025	
R472	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R473	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
SW471	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
SW473	3404-001117	SWITCH-TACT;12V,50mA,130gf,8.0x3.7x2.5mm	
SW474	3404-001119	SWITCH-TACT;12V,50mA,130gf,6.2x6.2x2.6mm	
SW477	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
SW478	3409-001036	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,L	
VR471	2102-001019	VR-SLIDE;10Kohm,30%,1/20W,SLIDE	
		ASSY-FRONT BOARD	
CN801	AD39-00054A	CBF HARNESS;-,-,-,12P,-,-,-,35023,TAPE,5	
CN802	3711-000780	CONNECTOR-HEADER;BOX,2P,1R,1.25mm,STRAIG	
J801	3722-001441	JACK-PHONE;3P,3.6PI,AG,BLK,-	

MEMO

7. PCB Diagrams

7-1 Main PCB (Normal) (Component Side) - - - - - - - - 7-2

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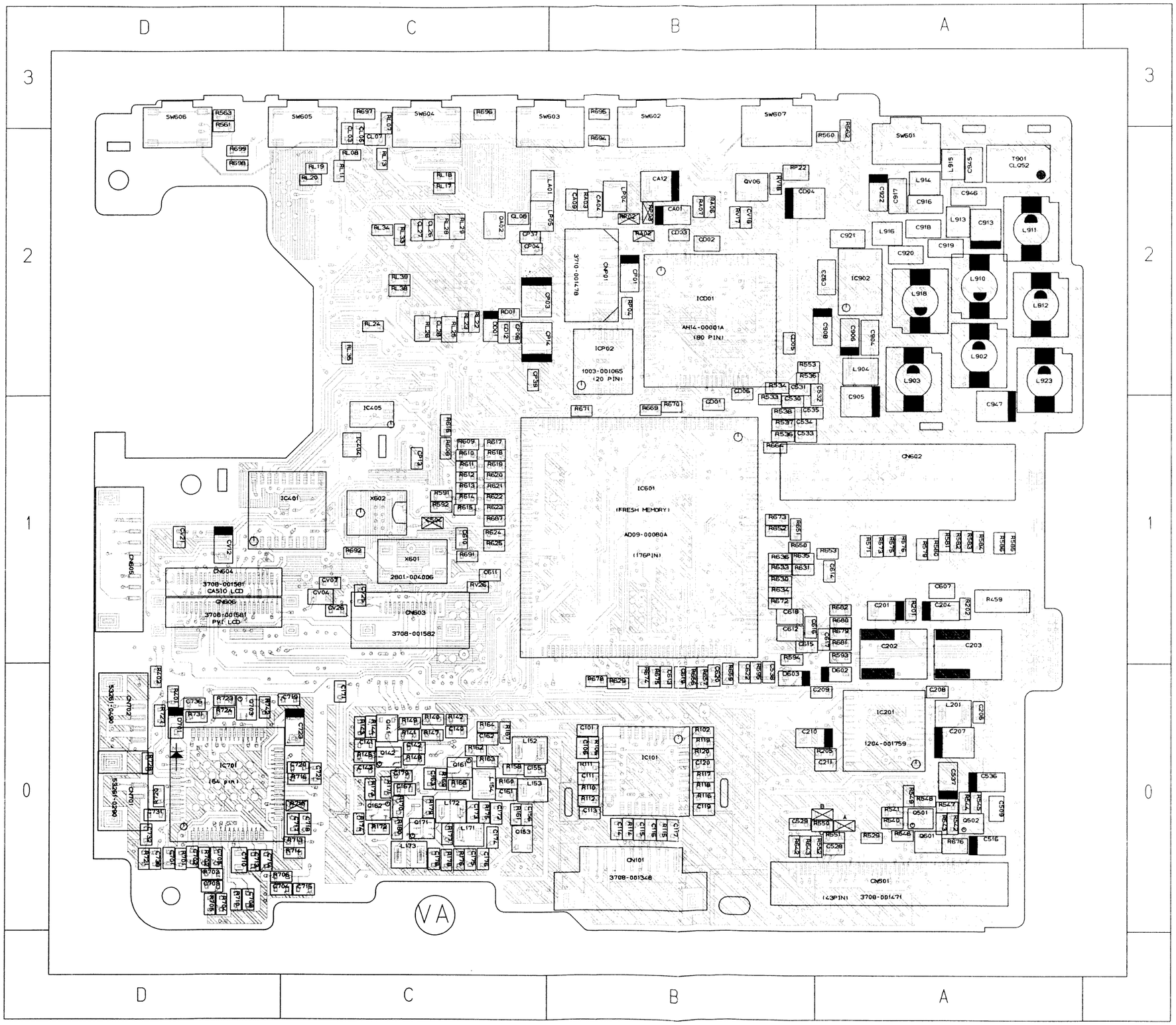
n PCB (Component Side)



*** CHIP ***

L152 (C0)
L153 (C0)
L154 (C0)
L171 (C0)
L172 (C0)
L173 (C0)
L201 (A0)
L902 (A2)
L903 (A2)
L904 (A2)
L910 (A2)
L911 (A2)
L912 (A2)
L913 (A2)
L914 (A2)
L915 (A2)
L916 (A2)
L918 (A2)
L923 (A2)
LA01 (C2)
LP04 (B2)
LP05 (C2)
SW601 (A2)
SW602 (B3)
SW603 (B3)
SW604 (C3)
SW605 (C3)
SW606 (D3)
SW607 (B3)
T901 (A2)
X601 (C1)
X602 (C1)

*** IC&WAFER ***

IC101 (B0)
IC201 (A0)
IC401 (C1)
IC404 (C1)
IC405 (C1)
IC601 (B1)
IC701 (D0)
IC902 (A2)
ICD01 (B2)
ICP02 (B2)

*** TR ***

Q141 (C0)
Q142 (C0)
Q153 (C0)
Q161 (C0)
Q162 (C0)
Q171 (C0)
Q501 (A0)
Q502 (A0)
Q601 (A0)
Q703 (D0)
QA02 (C2)
QV06 (B2)

*** DIODE ***

D602 (A0)
D603 (B0)
D701 (D0)
DD01 (C2)

CNP01 (B2)
CP01 (B2)
CP03 (C2)
CP04 (C2)
CP06 (C2)
CP13 (C1)
CP14 (C2)
CP37 (C2)
CP39 (C2)
CV04 (C1)
CV07 (C1)
CV12 (D1)
CV18 (B2)
CV21 (D1)
CV25 (C1)
CV26 (C1)

*** CONDENSER ***

C922 (A2)
C923 (A2)
C945 (A2)
C946 (A2)
C947 (A1)
CA01 (B2)
CA04 (B2)
CA09 (B2)
CA12 (B2)
CD01 (B1)
CD02 (B2)
CD03 (B2)
CD04 (B2)
CD05 (B2)
CD06 (B2)
CD12 (C2)
CL03 (C2)
CL05 (C2)
CL07 (C2)
CL08 (C2)
CL26 (C2)
CL27 (C2)
CL28 (C2)
CN101 (B0)
CN501 (A0)
CN602 (A1)
CN603 (C1)
CN604 (D1)
CN605 (D1)
CN606 (D1)
CN701 (D0)
CN702 (D0)

C622 (B0)
C701 (D0)
C702 (D0)
C703 (D0)
C704 (C0)
C705 (D0)
C708 (D0)
C710 (D0)
C713 (D0)
C714 (D0)
C715 (C0)
C717 (C0)
C718 (C0)
C719 (C0)
C720 (C0)
C721 (C0)
C723 (C0)
C731 (D0)
C732 (D0)
C736 (D0)
C738 (D0)
C904 (A2)
C905 (A1)
C906 (A2)
C908 (A2)
C913 (A2)
C916 (A2)
C917 (A2)
C918 (A2)
C919 (A2)
C920 (A2)
C921 (A2)

C206 (A0)
C207 (A0)
C208 (A0)
C209 (A0)
C210 (B0)
C211 (A0)
C504 (C1)
C509 (A0)
C516 (A0)
C528 (A0)
C529 (B0)
C530 (B1)
C531 (B2)
C532 (A2)
C533 (B1)
C534 (B1)
C535 (B1)
C536 (A0)
C537 (A0)
C538 (B0)
C607 (A1)
C610 (C1)
C611 (C1)
C612 (B1)
C613 (B0)
C614 (A1)
C615 (B1)
C616 (B1)
C617 (A1)
C618 (B1)
C619 (B0)
C620 (B0)

C101 (B0)
C106 (B0)
C111 (B0)
C113 (B0)
C114 (B0)
C115 (B0)
C116 (B0)
C117 (B0)
C119 (B0)
C120 (B0)
C140 (C0)
C141 (C0)
C142 (C0)
C143 (C0)
C155 (C0)
C156 (C0)
C161 (C0)
C162 (C0)
C163 (C0)
C167 (C0)
C171 (C0)
C172 (C0)
C173 (C0)
C174 (C0)
C175 (C0)
C176 (C0)
C178 (C0)
C179 (C0)
C201 (A1)
C202 (A1)
C203 (A1)
C204 (A1)

*** RESISTOR ***

RP04 (B2)
RP22 (B2)
RV17 (B2)
RV18 (B2)
RV26 (C1)

R724 (D0)
R727 (D0)
R728 (D0)
R731 (D0)
R742 (D0)
RA02 (B2)
RA03 (B2)
RA06 (B2)
RA07 (B2)
RD01 (C2)
RL07 (C3)
RL08 (C2)
RL11 (C2)
RL13 (C2)
RL17 (C2)
RL18 (C2)
RL19 (C2)
RL20 (C2)
RL22 (C2)
RL23 (C2)
RL24 (C2)
RL25 (C2)
RL26 (C2)
RL28 (C2)
RL29 (C2)
RL33 (C2)
RL34 (C2)
RL35 (C2)
RL38 (C2)
RL39 (C2)
RP02 (B2)
RP03 (B2)

R673 (B1)
R674 (B0)
R675 (B0)
R676 (A0)
R678 (B0)
R679 (A1)
R680 (A1)
R681 (A1)
R682 (A1)
R687 (C1)
R691 (C1)
R692 (C1)
R694 (B2)
R695 (B3)
R696 (C3)
R697 (C3)
R698 (D2)
R699 (D2)
R701 (D0)
R702 (D0)
R703 (D0)
R704 (D0)
R705 (D0)
R706 (C0)
R710 (D0)
R713 (C0)
R714 (C0)
R715 (C0)
R716 (C0)
R720 (D0)
R721 (D0)
R723 (D0)

R615 (C1)
R616 (C1)
R617 (C1)
R618 (C1)
R619 (C1)
R620 (C1)
R621 (C1)
R622 (C1)
R623 (C1)
R624 (C1)
R625 (C1)
R629 (B0)
R630 (B1)
R631 (B1)
R633 (B1)
R634 (B1)
R635 (B1)
R636 (B1)
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R643 (B0)
R650 (B1)
R651 (B1)
R652 (B1)
R653 (A1)
R656 (B0)
R657 (B0)
R659 (B0)
R664 (B1)
R669 (B1)
R670 (B1)
R671 (B1)
R672 (B1)

R550 (A0)
R551 (A0)
R552 (A0)
R553 (B2)
R560 (A2)
R561 (D3)
R562 (A2)
R563 (D3)
R571 (A1)
R573 (A1)
R575 (A1)
R576 (A1)
R579 (A1)
R580 (A1)
R581 (A1)
R582 (A1)
R583 (A1)
R584 (A1)
R585 (A1)
R586 (A1)
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R592 (C1)
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R608 (C1)
R609 (C1)
R610 (C1)
R611 (C1)
R612 (C1)
R613 (C1)
R614 (C1)

R172 (C0)
R173 (C0)
R174 (C0)
R175 (C0)
R176 (C0)
R177 (C0)
R178 (C0)
R179 (C0)
R180 (C0)
R201 (A1)
R202 (A1)
R205 (A0)
R401 (D0)
R402 (D0)
R459 (A1)
R529 (A0)
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R534 (B2)
R535 (B2)
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R549 (A0)

R102 (B0)
R106 (B0)
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R116 (B0)
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R118 (B0)
R119 (B0)
R120 (B0)
R140 (C0)
R141 (C0)
R142 (C0)
R143 (C0)
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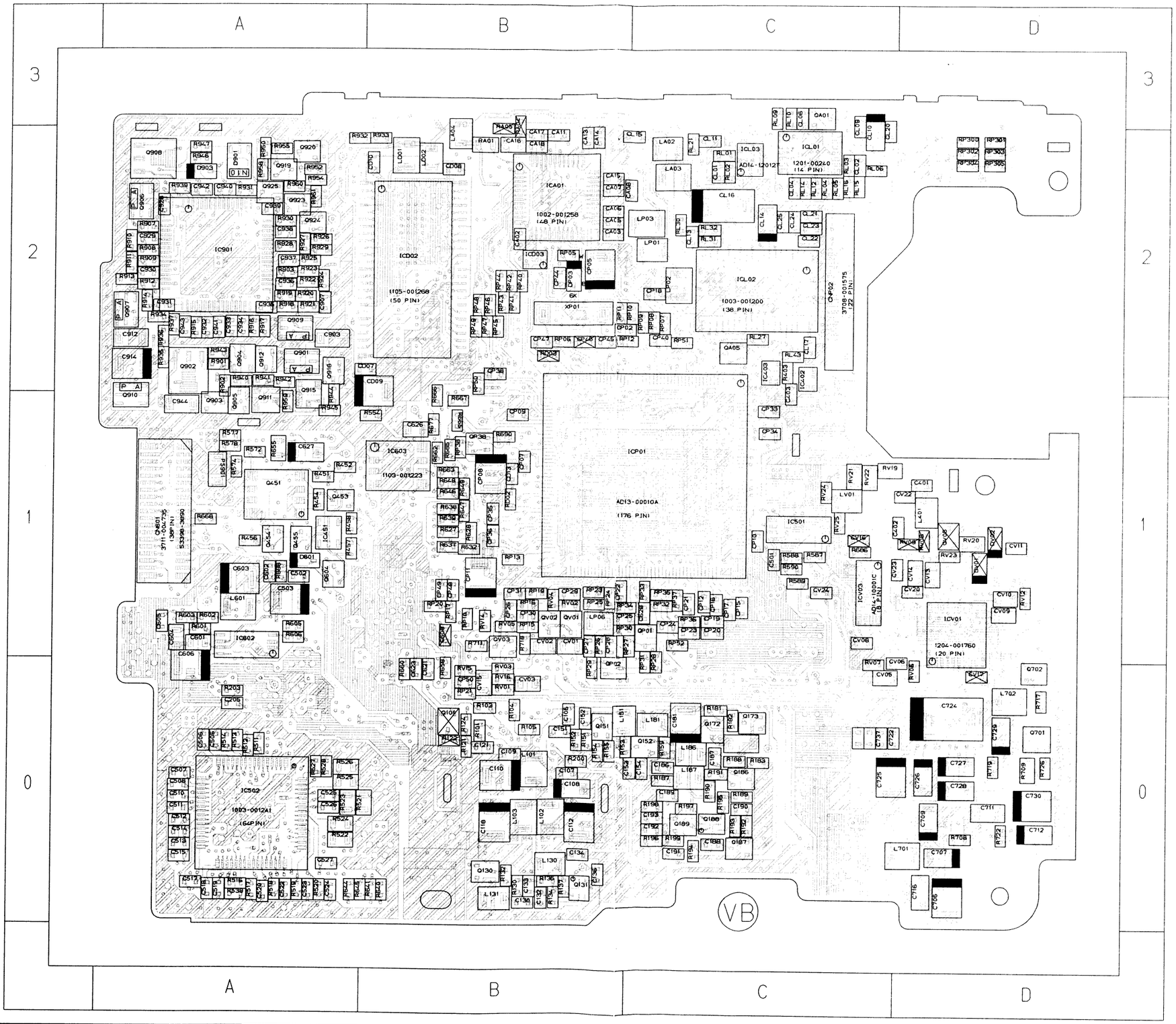
R160 (C0)
R161 (C0)
R162 (C0)
R163 (C0)
R164 (C0)
R167 (C0)
R168 (C0)
R169 (C0)
R170 (C0)
R171 (C0)

7-2 Main PCB (Conductor Side)



*** RESISTOR ***

R101 (B0)
R103 (B0)
R104 (B0)
R105 (B0)
R121 (B0)
R122 (B0)
R124 (B0)
R130 (B0)
R132 (B0)
R134 (B0)
R135 (B0)
R137 (B0)
R151 (B0)
R152 (B0)
R153 (B0)
R154 (B0)
R155 (B0)
R159 (C0)
R181 (C0)
R182 (C0)
R183 (C0)
R187 (C0)
R188 (C0)
R189 (C0)
R190 (C0)
R191 (C0)
R192 (C0)
R193 (C0)
R194 (C0)
R195 (C0)
R196 (C0)
R197 (C0)
R198 (C0)
R199 (C0)
R200 (B0)
R203 (A0)
R403 (C2)
R451 (A1)
R452 (A1)
R454 (A1)
R456 (A1)
R457 (A1)
R458 (A1)
R511 (A0)
R512 (A0)
R513 (A0)
R514 (A0)
R516 (A0)
R517 (A0)
R518 (A0)
R519 (A0)
R520 (A0)
R521 (B0)
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R526 (A0)
R527 (A0)
R528 (A0)
R539 (A0)
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R574 (A1)
R577 (A1)
R578 (A1)
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R588 (C1)
R589 (C1)
R590 (C1)
R601 (A1)
R602 (A1)
R603 (A1)
R605 (A1)
R606 (A1)
R627 (B1)
R628 (B1)
R632 (B1)
R637 (B1)
R638 (B1)
R639 (B1)
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R641 (B0)
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R645 (B0)
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R649 (B1)
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R658 (B0)
R660 (B0)
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R665 (B1)
R666 (B1)
R667 (B1)
R668 (A1)
R677 (B1)
R685 (B1)
R686 (C1)
R688 (A1)
R690 (B1)
R708 (D0)
R709 (D0)
R711 (B1)
R717 (D0)
R718 (B1)
R719 (D0)
R722 (D0)
R726 (D0)
R901 (A2)
R902 (A2)
R903 (A2)
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R954 (A2)
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R958 (A2)
R959 (A1)
R960 (A2)
R961 (A2)
RA01 (B2)
RA04 (B3)
RA05 (B2)
RD02 (B1)
RD03 (B2)
RL01 (C2)
RL02 (C2)
RL03 (C2)
RL04 (C2)
RL05 (C2)
RL06 (C2)
RL09 (C3)
RL10 (C3)
RL12 (C2)
RL14 (C2)
RL15 (C2)
RL16 (C2)
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RL32 (C2)
RL43 (C2)
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RP06 (B2)
RP07 (C2)
RP08 (C2)
RP09 (C2)
RP10 (C2)
RP11 (B2)
RP12 (B2)
RP13 (B1)
RP15 (B1)
RP16 (B1)
RP17 (B1)
RP18 (B1)
RP19 (B1)
RP20 (B1)
RP21 (B0)
RP23 (B1)
RP24 (B1)
RP25 (B1)
RP26 (B1)
RP27 (C1)
RP28 (C0)
RP29 (B0)
RP30 (B1)
RP300 (D2)
RP301 (D2)
RP302 (D2)
RP303 (D2)
RP304 (D2)
RP305 (D2)
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RP35 (C1)
RP36 (C1)
RP37 (C1)
RP38 (B1)
RP40 (B2)
RP41 (B2)
RP42 (B2)
RP43 (B2)
RP44 (B2)
RP45 (B2)
RP46 (B2)
RP47 (B2)
RP48 (B2)
RP49 (B2)
RP50 (B2)
RP51 (C2)
RP52 (C1)
RV01 (B0)
RV02 (B1)
RV03 (B0)
RV04 (B1)
RV05 (B1)
RV06 (D0)
RV07 (C0)
RV08 (D1)
RV09 (D1)
RV12 (D1)
RV14 (B1)
RV15 (B0)
RV16 (B0)
RV19 (C1)
RV20 (D1)
RV21 (C1)
RV22 (C1)
RV23 (D1)
RV24 (C1)
RV25 (C1)

*** CONDENSER ***

C105 (B0)
C107 (B0)
C108 (B0)
C109 (B0)
C110 (B0)
C112 (B0)
C118 (B0)
C121 (B0)
C130 (B0)
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C133 (B0)
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C187 (C0)
C188 (C0)
C189 (C0)
C190 (C0)
C191 (C0)
C192 (C0)
C193 (C0)
C205 (A0)
C401 (D1)
C402 (D1)
C403 (C2)
C501 (C1)
C502 (A1)
C503 (A1)
C505 (A0)
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C507 (A0)
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C609 (B1)
C621 (B0)
C623 (B0)
C626 (B1)
C627 (A1)
C628 (C1)
C706 (D0)
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C709 (D0)
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C712 (D0)
C716 (D0)
C722 (C0)
C724 (D0)
C725 (C0)
C726 (D0)
C727 (D0)
C728 (D0)
C729 (D0)
C730 (D0)
C737 (C0)
C903 (A2)
C907 (A2)
C912 (A2)
C914 (A2)
C928 (A2)
C929 (A2)
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C937 (A2)
C938 (A2)
C939 (A2)
C940 (A2)
C941 (A2)
C942 (A2)
C943 (A2)
C944 (A1)
CA02 (B2)
CA03 (B2)
CA05 (B2)
CA06 (B2)
CA07 (B2)
CA08 (C2)
CA11 (B2)
CA13 (B2)
CA14 (B2)
CA15 (B2)
CA16 (B2)
CA17 (B2)
CA18 (B2)
CD07 (B2)
CD08 (B2)
CD09 (B2)
CD10 (B2)
CD13 (B1)
CL01 (C2)
CL02 (C2)
CL04 (C2)
CL06 (C3)
CL09 (C3)
CL10 (C2)
CL11 (C2)
CL13 (C2)
CL14 (C2)
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CL16 (C2)
CL17 (C2)
CL20 (C2)
CL21 (C2)
CL22 (C2)
CL23 (C2)
CL24 (C2)
CL25 (C2)
CN601 (A1)
CNP02 (C2)
CP02 (B2)
CP05 (B2)
CP07 (B1)
CP08 (B1)
CP09 (B1)
CP10 (C1)
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CP40 (C2)
CP44 (B2)
CP45 (B2)
CP46 (B2)
CP47 (B2)
CP48 (B1)
CP49 (B1)
CP50 (B0)
CV01 (B1)
CV02 (B1)
CV03 (B0)
CV05 (C0)
CV06 (D0)
CV08 (C1)
CV09 (D1)
CV10 (D1)
CV11 (D1)
CV13 (D1)
CV14 (D1)
CV15 (B0)
CV16 (C1)
CV17 (D0)
CV20 (D1)
CV22 (D1)
CV23 (D1)
CV24 (C1)

*** DIODE ***

D601 (A1)
D901 (A2)
D903 (A2)
DP03 (B2)
DV01 (D1)
DV02 (D1)

*** TR ***

Q101 (B0)
Q130 (B0)
Q131 (B0)
Q151 (B0)
Q152 (C0)
Q172 (C0)
Q173 (C0)
Q186 (C0)
Q187 (C0)
Q188 (C0)
Q189 (C0)
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Q453 (A1)
Q454 (A1)
Q455 (A1)
Q604 (A1)
Q701 (D0)
Q702 (D0)
Q901 (A2)
Q902 (A2)
Q903 (A1)
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Q905 (A1)
Q906 (A2)
Q907 (A2)
Q908 (A2)
Q909 (A2)
Q910 (A1)
Q911 (A1)
Q912 (A2)
Q915 (A1)
Q916 (A2)
Q919 (A2)
Q920 (A2)
Q923 (A2)
Q924 (A2)
Q925 (A2)
QA01 (C3)
QA05 (C2)
QP01 (C1)
QP02 (B0)
QP38 (B1)
QV01 (B1)
QV02 (B1)
QV03 (B1)
QV05 (D1)
XP01 (B2)
PS901 (A1)

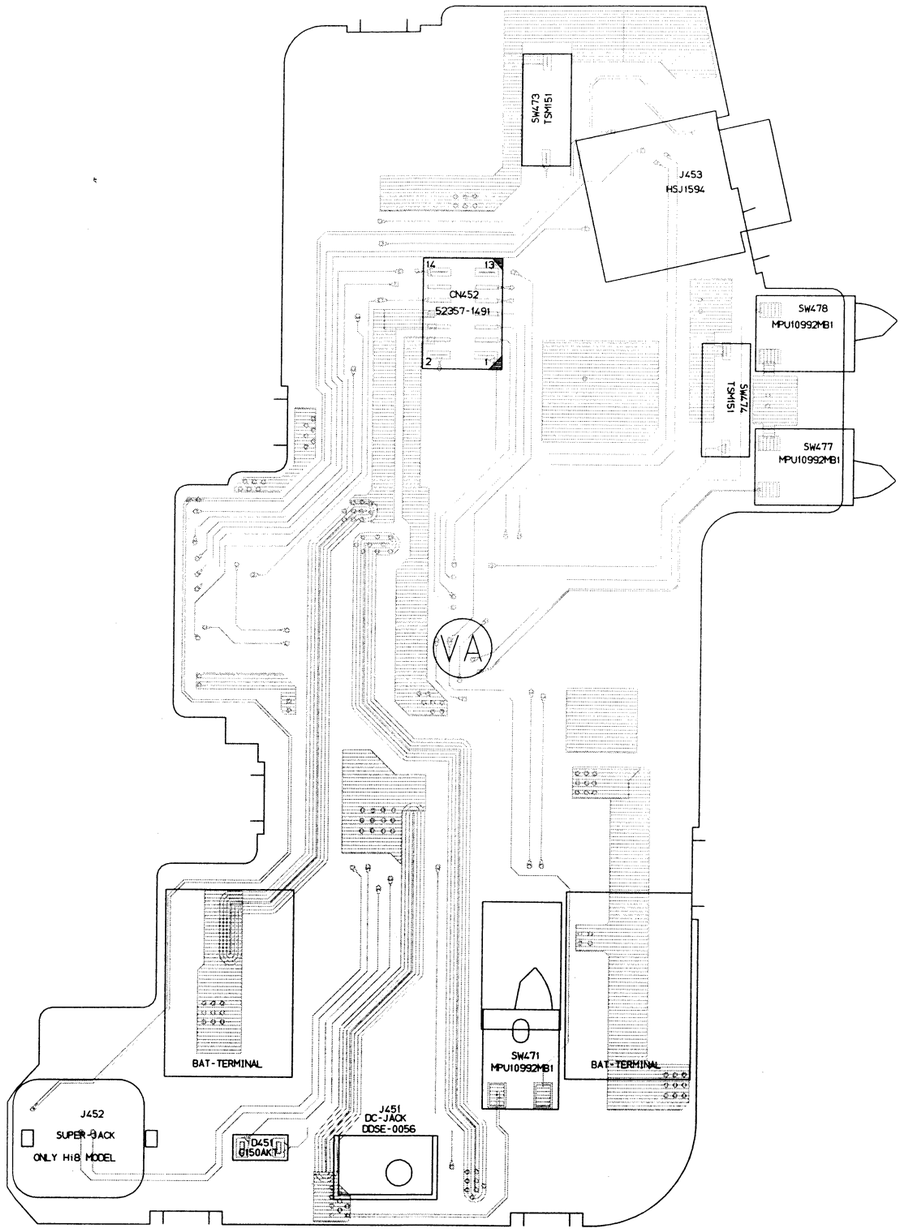
*** IC&WAFER ***

IC402 (C2)
IC403 (C2)
IC451 (A1)
IC501 (C1)
IC502 (A0)
IC602 (A1)
IC603 (B1)
IC901 (A2)
ICA01 (B2)
ICD02 (B2)
ICD03 (B2)
ICL01 (C2)
ICL02 (C2)
ICL03 (C2)
ICP01 (C1)
ICV01 (D1)
ICV03 (C1)

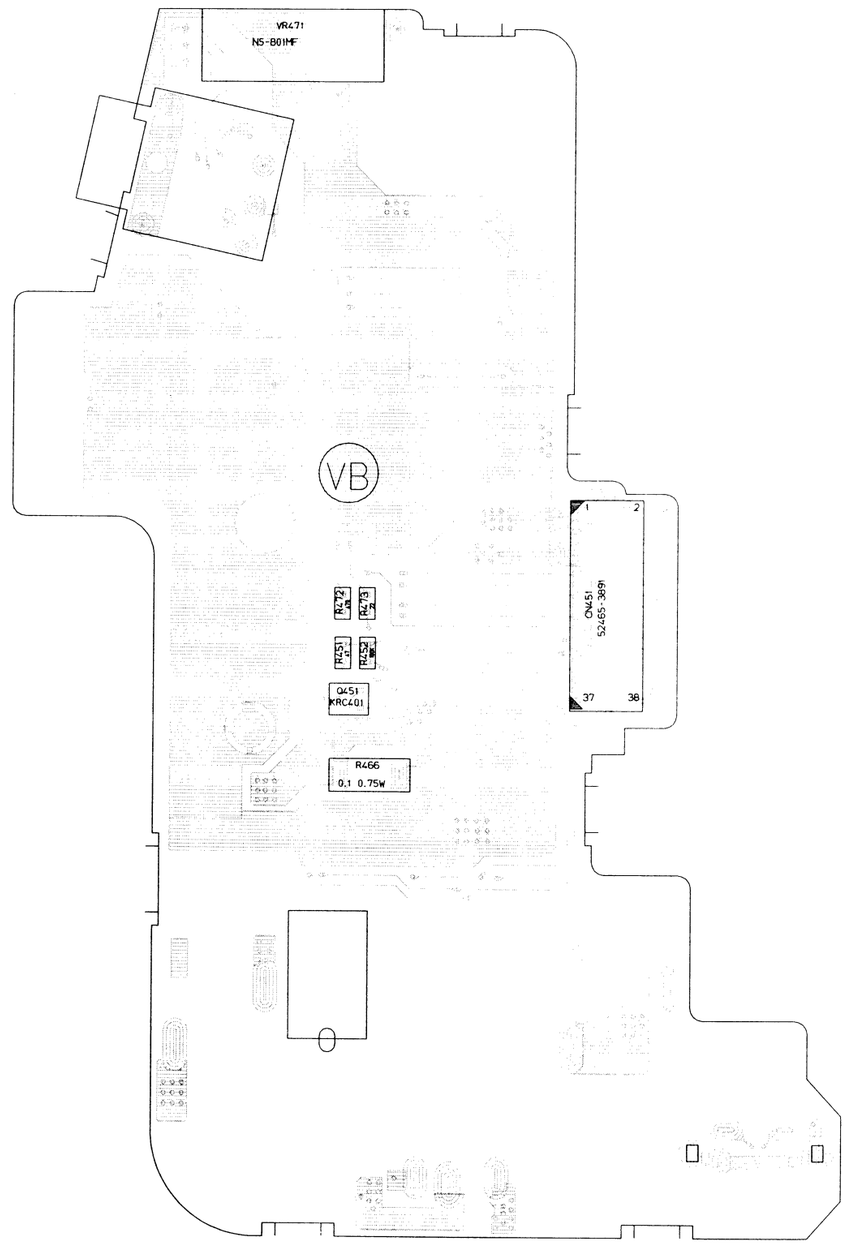
*** CHIP ***

L101 (B0)
L102 (B0)
L103 (B0)
L130 (B0)
L131 (B0)
L151 (B0)
L181 (C0)
L186 (C0)
L187 (C0)
L401 (D1)
L601 (A1)
L701 (D0)
L702 (D0)
LA02 (C2)
LA03 (C2)
LA04 (B2)
LD01 (B2)
LD02 (B2)
LP01 (C2)
LP02 (C2)
LP03 (C2)
LP06 (B1)
LV01 (C1)

7-3 Rear PCB

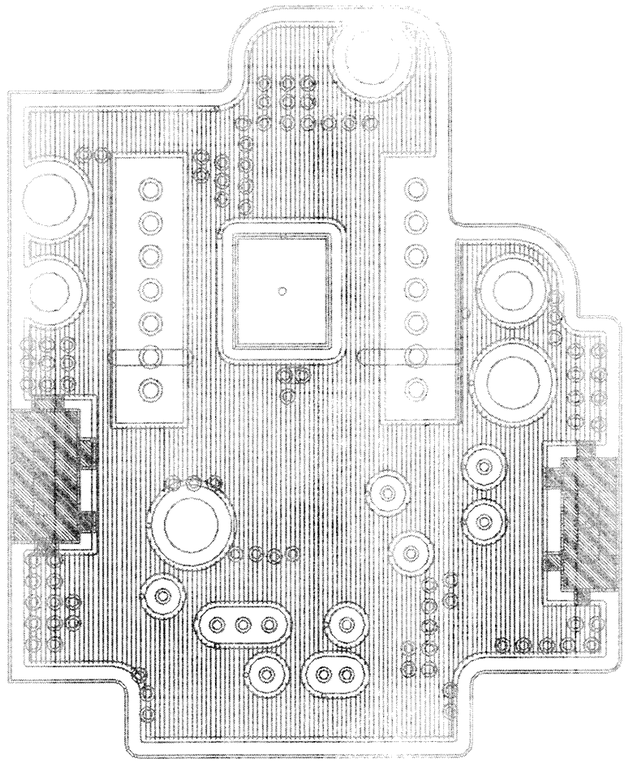


(Component Side)

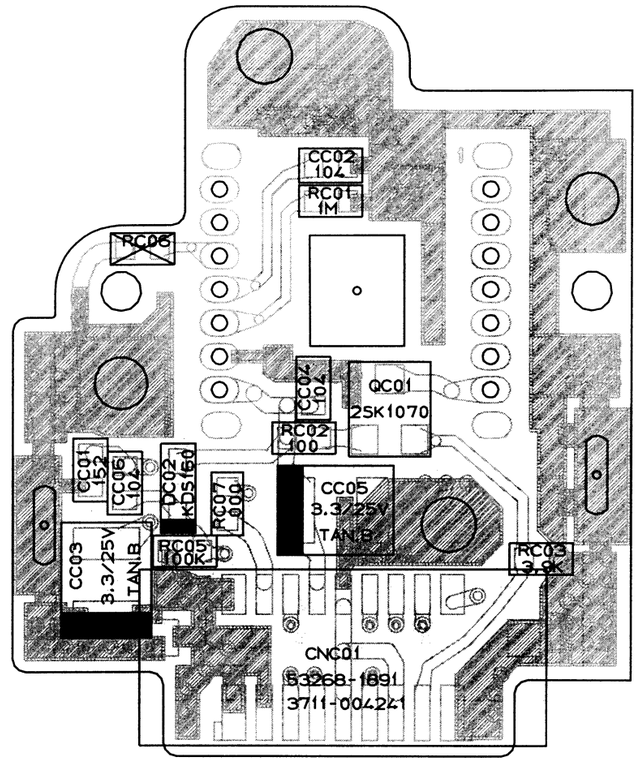


(Conductor Side)

7-4 CCD PCB

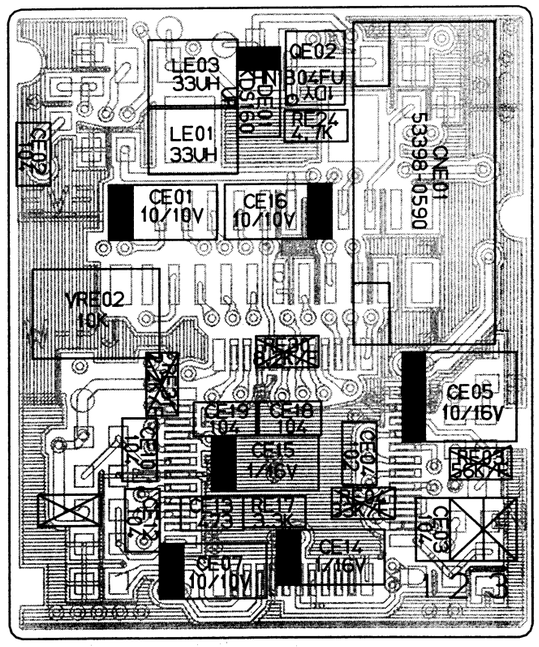


(Component Side)

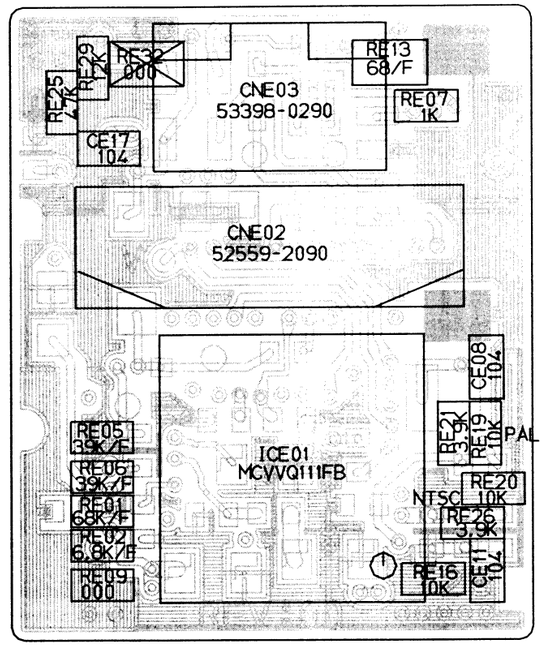


(Conductor Side)

'-5 EVF PCB

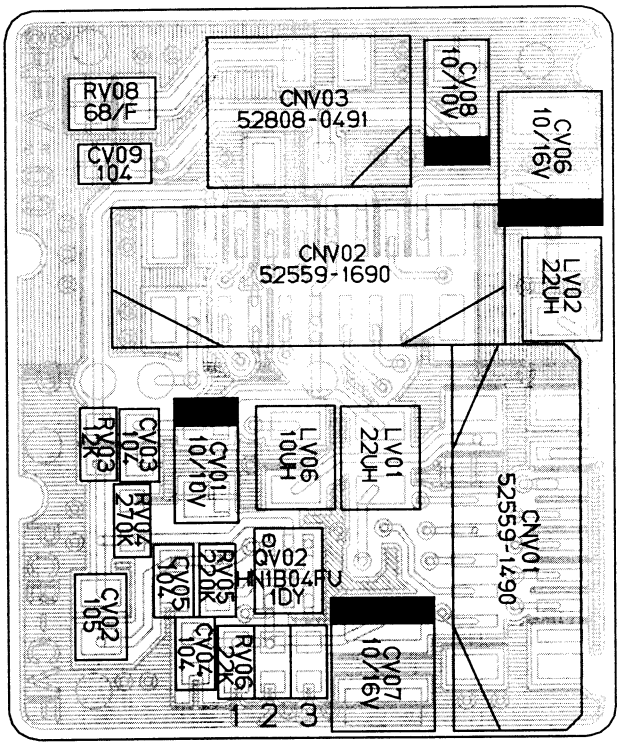


(Component Side)

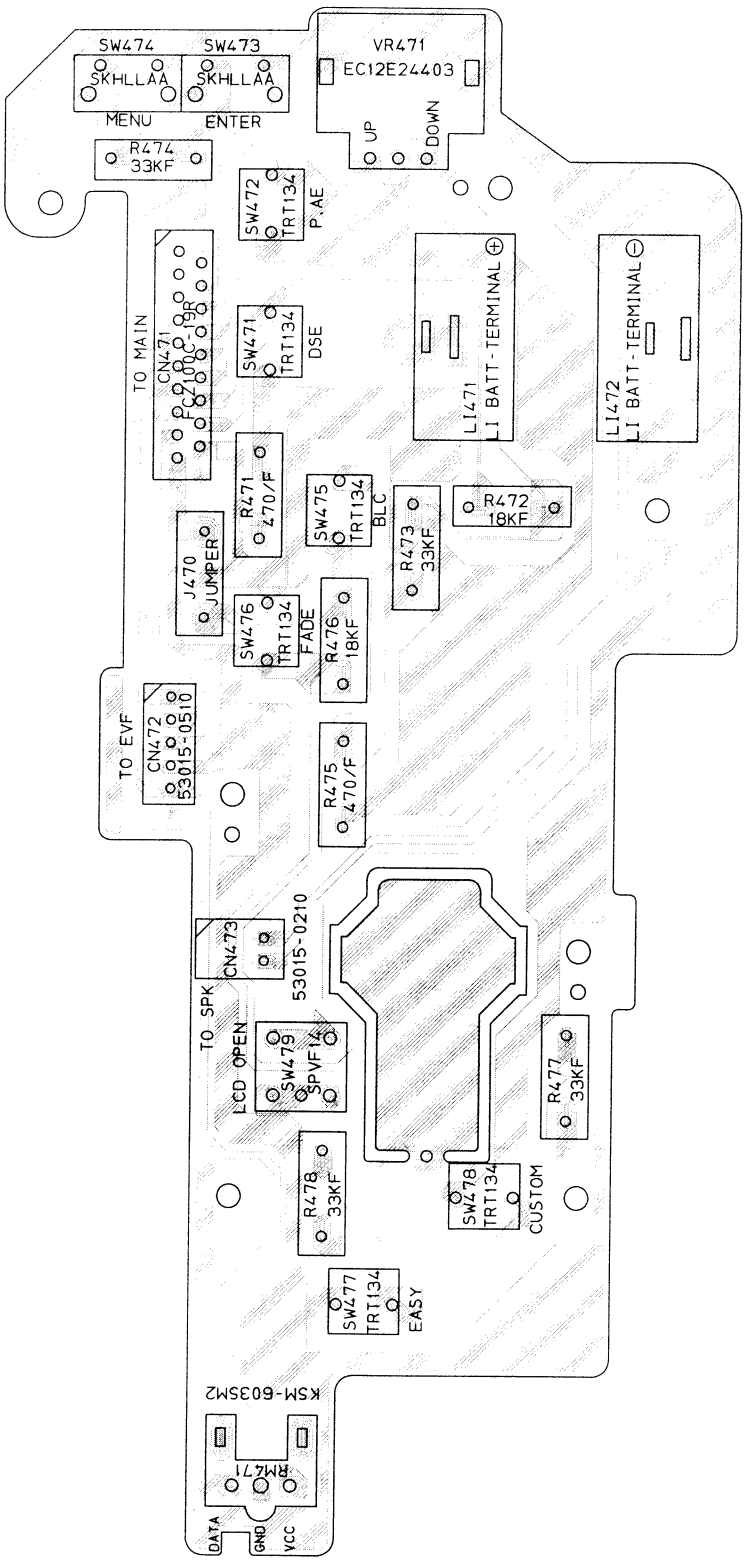


(Conductor Side)

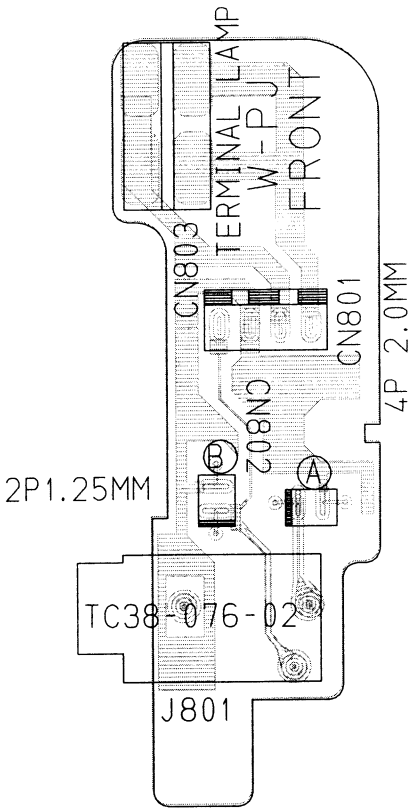
7-6 CVF PCB


RV08
68/F
CV09
104
CNV03
52808-0491
CV08
10/10V
CV06
10/16V
CNV02
52559-1690
LV02
22UH
RV03
1.2K
CV03
102
CV01
10/10V
LV06
10UH
LV01
22UH
CNV01
52559-1490
RV04
270K
CV05
102
RV05
220K
QV02
HN1B04FU
1DY
CV02
105
CV04
102
RV06
22K
CV07
10/16V
1
2
3

7-7 Function PCB

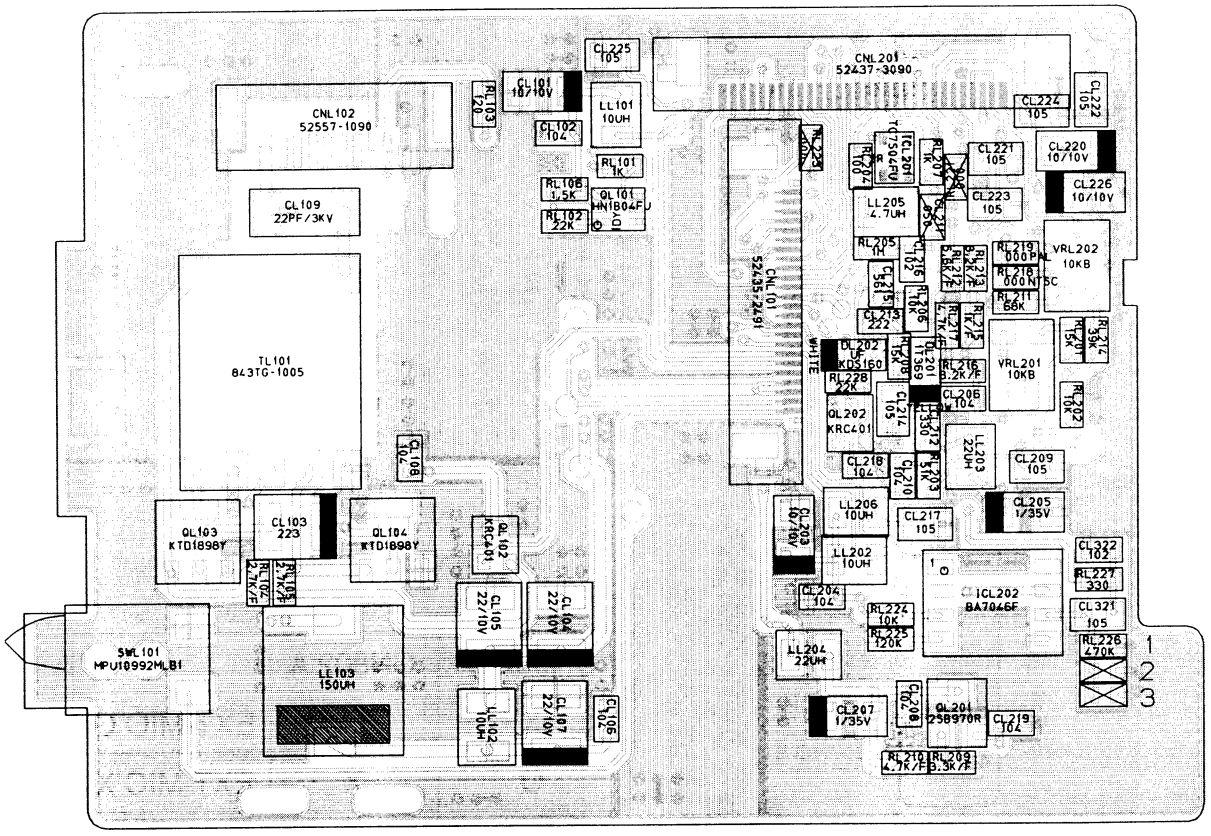


7-8 Front PCB

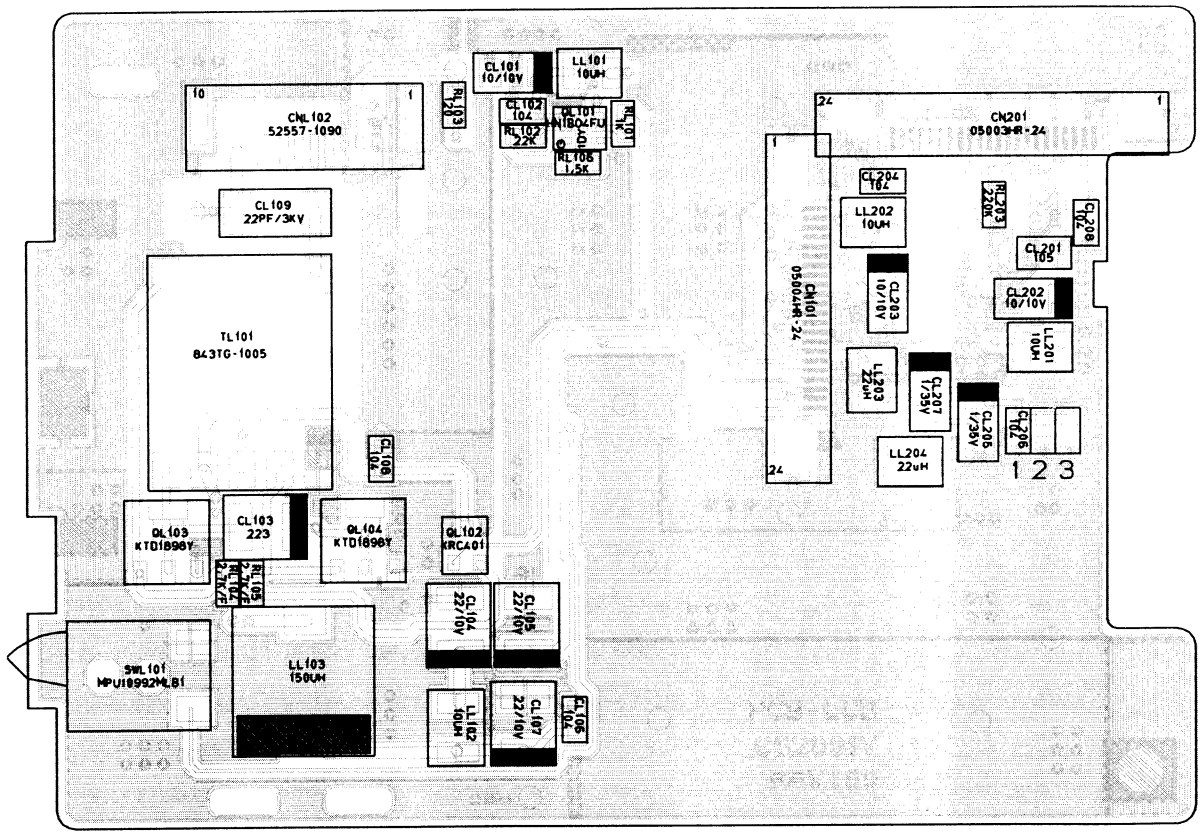


CN802 B	CN802 A	
X	O	EXT-MIC O
O	X	EXT-MIC X

7-9 LCD PCB (NTSC Models)

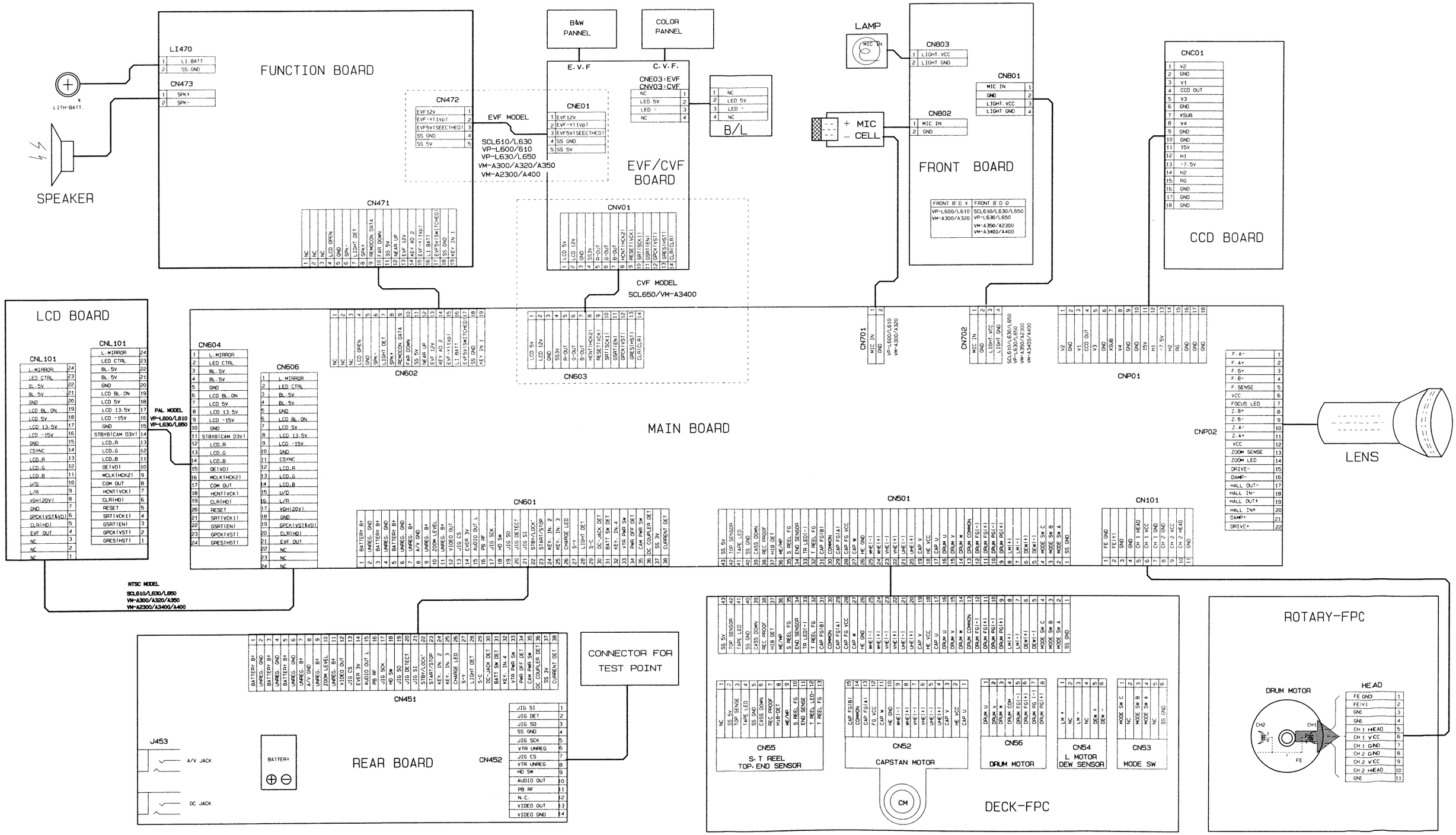


7-10 LCD PCB (PAL Models)



MEMO

8. Wiring Diagram



MEMO

9. Schematic Diagrams

OPTION LIST ---------- 9-2

9-1 DC/DC Converter (Main) ---------- 9-4

9-2 System Control (Main) ---------- 9-5

9-3 Audio (Main) ---------- 9-6

9-4 Camera (Main) ---------- 9-7

9-5 PRe-Amp (Main) ---------- 9-8

9-6 Rear ---------- 9-9

9-7 CCD ---------- 9-10

9-8 Front ---------- 9-11

9-9 Function ---------- 9-12

9-10 EVF ---------- 9-13

9-11 CVF ---------- 9-14

9-12 LCD (NTSC Models) ---------- 9-15

9-13 LCD (PAL Models) ---------- 9-16

Note

For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.
- Circled numbers refer to waveforms.

Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

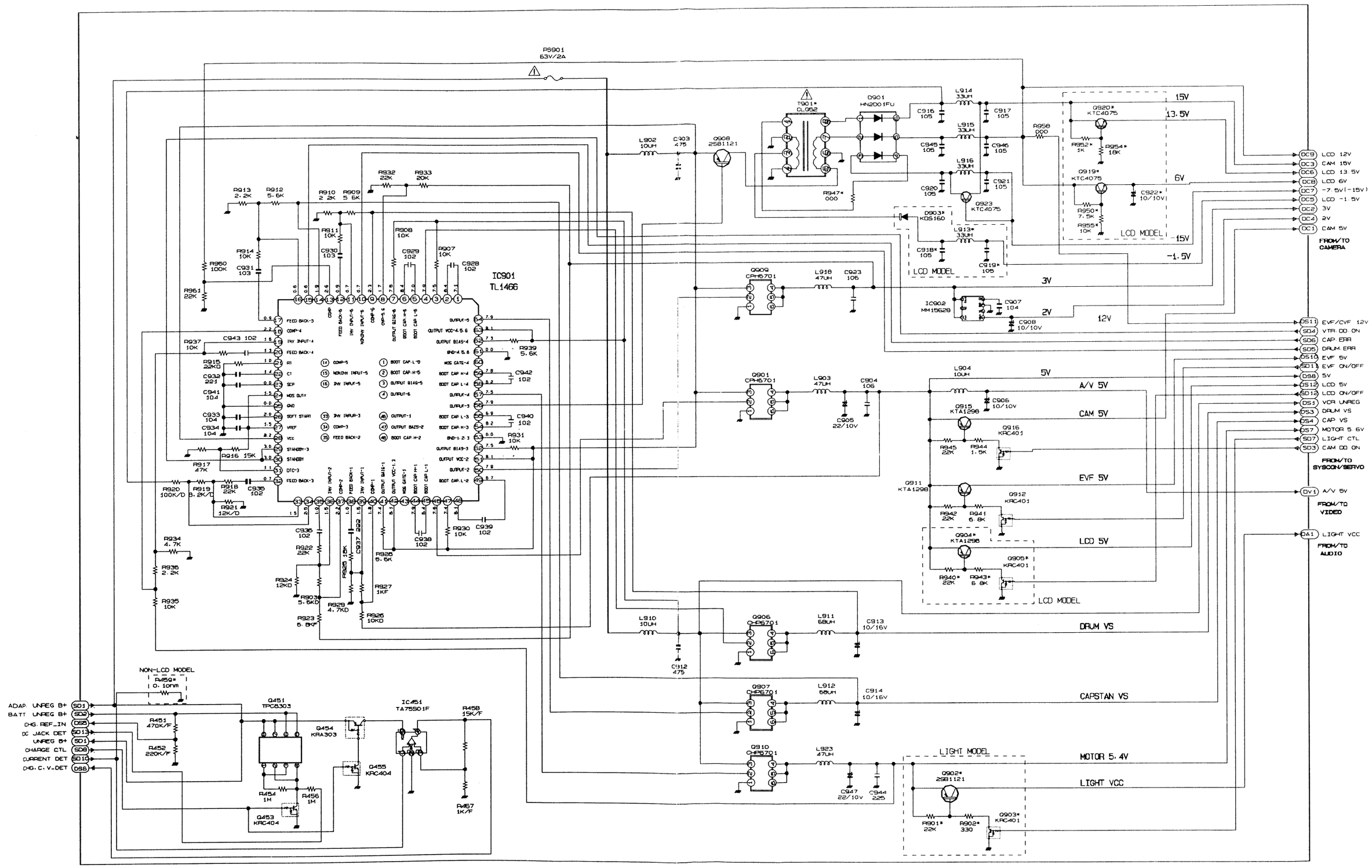
Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components. Use only the same type.

OPTION LIST

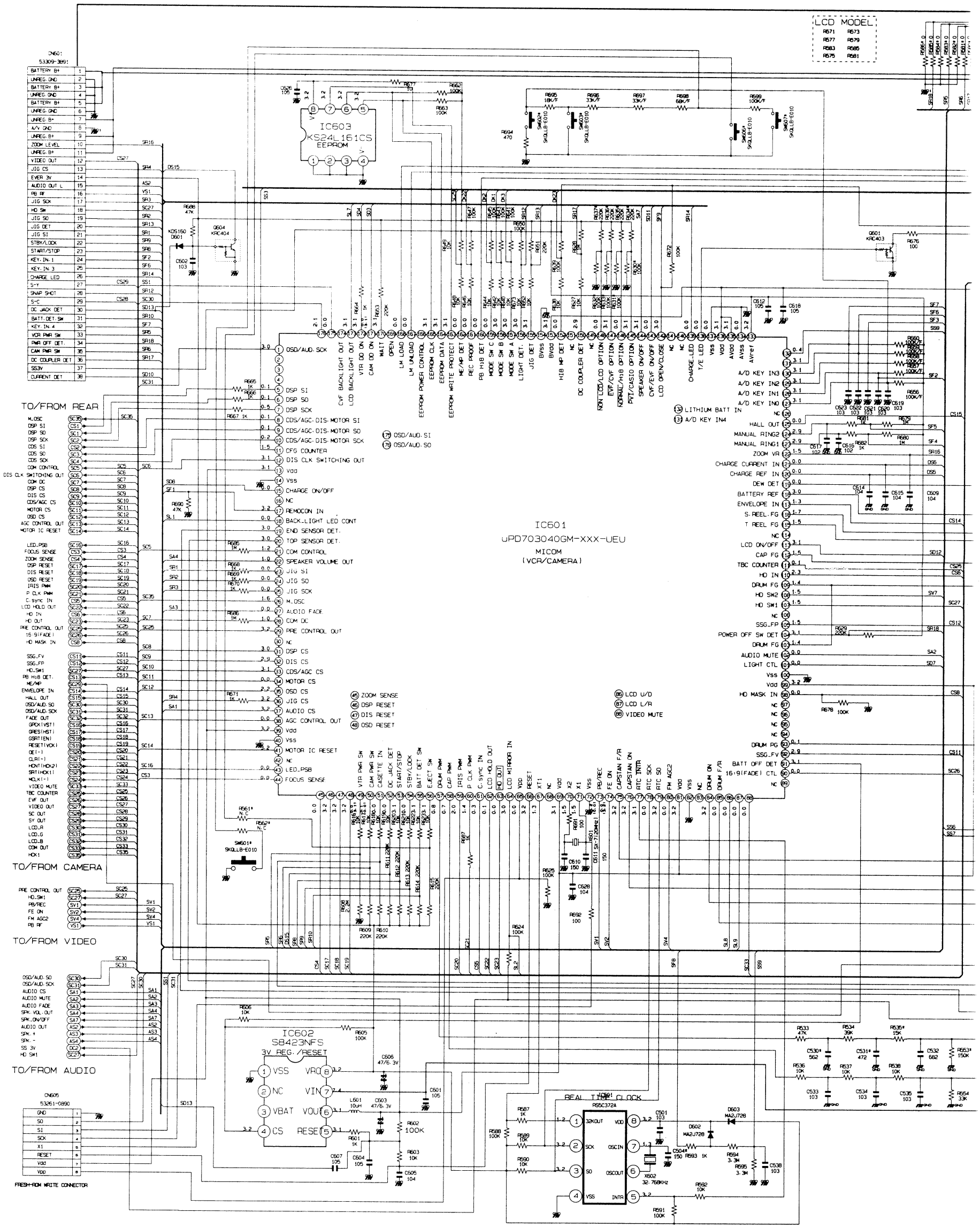
NO	LOC	VALUE(BASIC)	SCL600	SCL610	SCL630	SCL650	VP-L600	VP-L610	VP-L630	VP-L650	OPTION
1	C201	2404-001020	O	O	O	O	X	O	O	O	Hi8
2	C202	2402-001114	O	O	O	O	X	O	O	O	Hi8
3	C205	2203-005148	O	O	O	O	X	O	O	O	Hi8
4	C530	2203-000888	O	O	O	O	X	X	X	X	NTSC
		2203-001662	X	X	X	X	O	O	O	O	PAL
5	C531	2203-000726	O	O	O	O	X	X	X	X	NTSC
		2203-000888	X	X	X	X	O	O	O	O	PAL
6	C719	2203-000189	O	O	O	O	O	O	O	O	LCD-O
7	C724	2404-000275	O	O	O	O	O	O	O	O	LCD-O
8	C725	2404-001039	O	O	O	O	O	O	O	O	LCD-O
9	C726	2404-001020	O	O	O	O	O	O	O	O	LCD-O
10	C727	2404-000266	O	O	O	O	O	O	O	O	LCD-O
11	C736	2203-000189	O	O	O	O	O	O	O	O	LCD-O
12	C918	2203-000483	O	O	O	O	O	O	O	O	LCD-O
13	C919	2203-000483	O	O	O	O	O	O	O	O	LCD-O
14	C922	2404-001020	X	X	X	X	X	X	X	X	EVF
15	CD01	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
16	CD02	2203-002793	X	X	O	O	X	X	O	O	DIS+Hi8
17	CD03	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
18	CD04	2404-001131	X	X	O	O	X	X	O	O	DIS+Hi8
19	CD05	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
20	CD06	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
21	CD07	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
22	CD08	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
23	CD09	2404-001131	X	X	O	O	X	X	O	O	DIS+Hi8
24	CD10	2203-000189	X	X	O	O	X	X	O	O	DIS+Hi8
25	CD12	2203-000626	X	X	O	O	X	X	X	X	DIS+NTSC
26	CD13	2203-000626	X	X	O	O	X	X	X	X	DIS+NTSC
		2203-000384	X	X	X	X	X	X	O	O	DIS+PAL+Hi8
27	CN602	3708-001584	O	O	O	O	O	O	O	O	W2
28	CN603	3708-001582	X	X	X	O	X	X	X	X	CVF+PVI
29	CN604	3708-001581	X	X	X	X	X	X	X	X	EVF
30	CN606	3708-001581	O	O	O	O	O	O	O	O	PVI
31	CN701	3711-000541	O	X	X	X	O	O	X	X	LIGHT-X
32	CN702	3711-000922	X	O	O	O	X	X	O	O	LIGHT-O
33	CP27	2203-000681	O	O	O	O	X	X	X	X	NTSC
		2203-000426	X	X	X	X	O	O	O	O	PAL
34	CP46	2203-001195	X	X	X	X	X	X	X	X	NTSC
35	CP47	2203-001660	O	O	O	O	X	X	X	X	NTSC
		2203-000384	X	X	X	X	O	O	O	O	PAL
36	CV01	2203-002793	O	O	O	O	O	O	O	O	PVI
37	CV02	2203-002793	O	O	O	O	O	O	O	O	PVI
38	CV03	2203-002793	O	O	O	O	O	O	O	O	PVI
39	CV04	2203-002793	O	O	O	O	O	O	O	O	PVI
40	CV05	2203-002793	O	O	O	O	O	O	O	O	PVI
41	CV06	2203-000257	O	O	O	O	O	O	O	O	PVI
42	CV07	2203-001630	X	X	X	X	X	X	X	X	EVF
43	CV08	2203-001630	X	X	X	X	X	X	X	X	EVF
44	CV09	2203-002793	X	X	X	X	X	X	X	X	EVF
45	CV10	2203-002793	O	O	O	O	O	O	O	O	PVI
46	CV11	2007-000070	O	O	O	O	O	O	O	O	PVI
47	CV12	2404-000377	X	X	X	X	X	X	X	X	EVF
48	CV13	2203-002793	O	O	O	O	O	O	O	O	PVI
49	CV14	2203-002793	O	O	O	O	O	O	O	O	PVI
50	CV15	2203-002793	X	X	X	X	X	X	X	X	EVF
51	CV16	2203-000189	X	X	X	X	X	X	X	X	EVF
52	CV17	2203-000189	X	X	X	X	X	X	X	X	EVF
53	CV18	2203-000257	O	O	O	O	O	O	O	O	LCD-O
54	CV20	2203-000189	O	O	O	X	O	O	O	O	PVI
55	CV21	2203-000257	O	O	O	O	O	O	O	O	PVI
56	CV22	2203-000257	O	O	O	O	O	O	O	O	PVI
57	CV23	2203-000257	O	O	O	O	O	O	O	O	PVI
58	CV24	2203-000257	X	X	X	O	X	X	X	X	CVF+PVI
59	CV25	2203-000257	X	X	X	O	X	X	X	X	CVF+PVI
60	CV26	2203-000257	X	X	X	O	X	X	X	X	CVF+PVI
61	D903	0401-001054	O	O	O	O	O	O	O	O	LCD-O
62	DD01	0401-000170	X	X	X	X	X	X	O	O	DIS+PAL+Hi8
63	DV01	0401-001054	X	X	X	X	X	X	X	X	EVF
64	DV02	0401-001054	X	X	X	X	X	X	X	X	EVF
65	IC401	1204-001458	O	O	O	O	O	O	O	O	SEC-EXP
		AD11-12001N	X	X	X	X	X	X	X	X	SEC-DOM
66	ICD01	AH14-00001A	X	X	O	O	X	X	O	O	DIS+Hi8
67	ICD02	1105-001035	X	X	O	O	X	X	O	O	DIS+Hi8
68	ICD03	0801-000022	X	X	O	O	X	X	O	O	DIS+NTSC
69	ICV01	1204-001760	O	O	O	O	O	O	O	O	EVF+PVI
70	ICV03	AD14-10001C	X	X	X	X	X	X	X	X	EVF
71	L702	2703-000002	O	O	O	O	O	O	O	O	LCD-O
72	L913	2703-000397	O	O	O	O	O	O	O	O	LCD-O
73	LD01	2703-000400	X	X	O	O	X	X	O	O	DIS+Hi8
74	LD02	2703-001883	X	X	O	O	X	X	O	O	DIS+Hi8
75	LV01	2703-001883	O	O	O	O	O	O	O	O	PVI
76	Q701	0501-000546	O	O	O	O	O	O	O	O	LCD-O
77	Q702	0504-001038	O	O	O	O	O	O	O	O	LCD-O
78	Q902	0501-000172	X	O	O	O	X	X	O	O	LIGHT-O
79	Q903	0504-001037	X	O	O	O	X	X	O	O	LIGHT-O
80	Q904	0501-000546	O	O	O	O	O	O	O	O	LCD-O
81	Q905	0504-001037	O	O	O	O	O	O	O	O	LCD-O
82	Q919	0501-002128	X	X	X	X	X	X	X	X	EVF
83	Q920	0501-002128	O	O	O	O	O	O	O	O	LCD-O
84	Q924	0504-001032	X	X	X	X	X	X	X	X	LCD-O
85	Q925	0504-001035	X	X	X	X	X	X	X	X	LCD-O
86	QV01	0501-002171	O	O	O	O	O	O	O	O	PVI
87	QV02	0501-002171	O	O	O	O	O	O	O	O	PVI
88	QV03	0501-002171	O	O	O	O	O	O	O	O	PVI
89	QV05	0501-002128	X	X	X	X	X	X	X	X	EVF
90	QV06	0501-000596	O	O	O	O	O	O	O	O	PVI
91	R114	2007-000077	O	O	O	O	X	X	X	X	NTSC
		2007-000118	X	X	X	X	O	O	O	O	PAL
92	R115	2007-000077	O	O	O	O	X	X	X	X	NTSC
		2007-000118	X	X	X	X	O	O	O	O	PAL
93	R137	2007-000113	O	O	O	O	X	X	X	X	NTSC
		2007-001134	X	X	X	X	O	O	O	O	PAL
94	R161	2007-001179	O	O	O	O	X	X	X	X	NTSC
		2007-000081	X	X	X	X	O	O	O	O	PAL
95	R167	2007-000450	O	O	O	O	X	X	X	X	NTSC
		2007-000075	X	X	X	X	O	O	O	O	PAL
96	R199	2007-000077	O	O	O	O	X	X	X	X	NTSC
		2007-000078	X	X	X	X	O	O	O	O	PAL
97	R201	2007-001134	O	O	O	O	X	O	O	O	Hi8
98	R203	2007-001134	O	O	O	O	X	O	O	O	Hi8
99	R459	2007-007948	X	X	X	X	X	X	X	X	W1
100	R535	2007-000090	O	O	O	O	X	X	X	X	NTSC
		2007-000092	X	X	X	X	O	O	O	O	PAL
101	R553	2007-000102	O	O	O	O	X	X	X	X	NTSC
		2007-000104	X	X	X	X	O	O	O	O	PAL
102	R560	2007-000070	X	X	X	X	X	X	X	X	W1
103	R561	2007-000070	O	O	O	O	O	O	O	O	W2
104	R562	2007-000070	O	O	O	O	O	O	O	O	W2
105	R563	2007-000070	X	X	X	X	X	X	X	X	W2
106	R571	2007-000070	O	O	O	O	O	O	O	O	W2
107	R572	2007-000070	X	X	X	X	X	X	X	X	W2
108	R573	2007-000070	O	O	O	O	O	O	O	O	W2

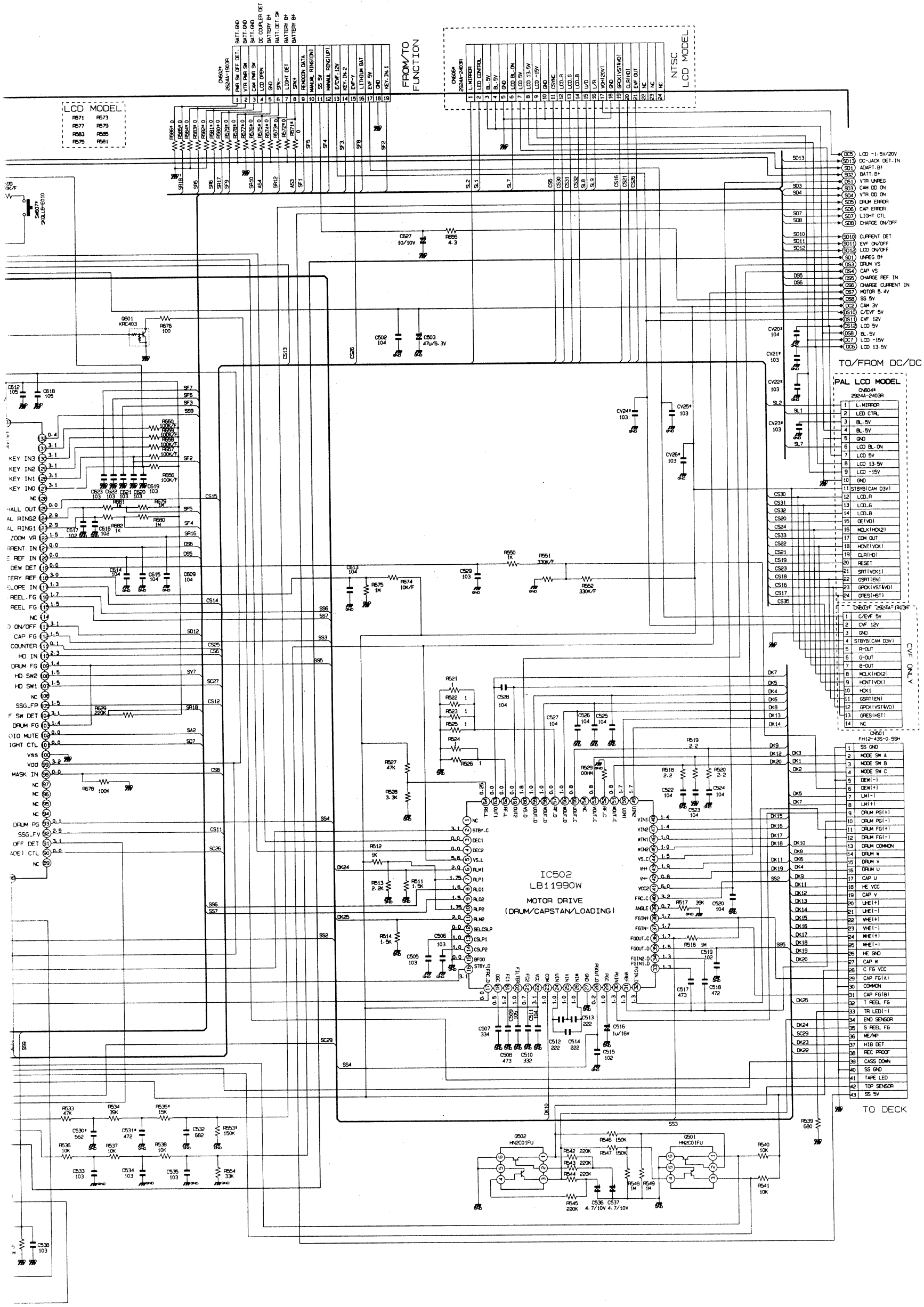
NO	LOC	VALUE(BASIC)	SCL600	SCL610	SCL630	SCL650	VP-L600	VP-L610	VP-L630	VP-L650	OPTION
109	R574	2007-000070	X	X	X	X	X	X	X	X	W2
110	R575	2007-000070	O	O	O	O	O	O	O	O	W2
111	R576	2007-000070	X	X	X	X	X	X	X	X	W2
112	R577	2007-000070	O	O	O	O	O	O	O	O	W2
113	R578	2007-000070	X	X	X	X	X	X	X	X	W2
114	R579	2007-000070	O	O	O	O	O	O	O	O	W2
115	R580	2007-000070	X	X	X	X	X	X	X	X	W2
116	R581	2007-000070	O	O	O	O	O	O	O	O	W2
117	R582	2007-000070	X	X	X	X	X	X	X	X	W2
118	R583	2007-000070	O	O	O	O	O	O	O	O	W2
119	R584	2007-000070	X	X	X	X	X	X	X	X	W2
120	R585	2007-000070	O	O	O	O	O	O	O	O	W2
121	R586	2007-000070	X	X	X	X	X	X	X	X	W2
122	R630	2007-000102	O	O	O	O	O	O	O	O	PVI
123	R631	2007-000102	X	X	X	X	O	X	X	X	NORMAL
124	R632	2007-000102	X	X	X	X	X	X	X	X	LCD-O
125	R633	2007-000102	O	O	O	X	O	O	O	O	EVF+PVI
126	R634	2007-000106	X	X	X	X	X	X	X	X	EVF
127	R635	2007-000106	O	O	O	O	X	O	O	O	Hi8
128	R636	2007-000106	X	X	X	O	X	X	X	X	CVF+PVI
129	R637	2007-000106	O	O	O	O	O	O	O	O	LCD-O
130	R717	2007-000084	O	O	O	O	O	O	O	O	LCD-O
131	R718	2007-000078	O	O	O	O	O	O	O	O	LCD-O
132	R726	2007-000084	O	O	O	O	O	O	O	O	LCD-O
133	R731	2007-000078	O	O	O	O	O	O	O	O	LCD-O
134	R901	2007-000094	X	O	O	O	X	X	O	O	LIGHT-O
135	R902	2007-000076	X	O	O	O	X	X	O	O	LIGHT-O
136	R940	2007-000094	O	O	O	O	O	O	O	O	LCD-O
137	R943	2007-000087	O	O	O	O	O	O	O	O	LCD-O
138	R946	2007-000070	X	X	X	X	X	X	X	X	MASTU-NTSC
139	R947	2007-000070	O	O	O	O	O	O	O	O	SONY-CCD
140	R950	2007-000088	X	X	X	X	X	X	X	X	EVF
141	R952	2007-000078	O	O	O	O	O	O	O	O	LCD-O
142	R954	2007-000097	O	O	O	O	O	O	O	O	PVI
143	R955	2007-000090	X	X	X	X	X	X	X	X	EVF
144	R959	2007-000029	X	X	X	X	X	X	X	X	LCD-O
145	RA02	2007-000102	X	X	X	X	X	X	X	X	NTSC
146	RA04	2007-001179	X	X	X	X	X	X	X	X	NTSC
147	RA05	2007-000078	X	X	X	X	X	X	X	X	NTSC
148	RD01	2007-000077	X	X	O	O	X	X	X	X	DIS+NTSC
		2007-000309	X	X	X	X	X	X	O	O	DIS+PAL+Hi8
149	RD02	2007-000077	X	X	O	O	X	X	X	X	DIS+NTSC
		2007-000079	X	X	X	X	X	X	O	O	DIS+PAL+Hi8
150	RD03	2007-000070	X	X	X	X	X	X	X	X	DIS+NTSC
151	RP02	2007-000102	X	X	X	X	X	X	X	X	SONY-CCD
152	RP03	2007-000102	X	X	X	X	X	X	X	X	SONY-CCD
153	RP13	2007-000073	X	X	X	O	X	X	X	X	CVF+PVI
154	RP19	2007-000081	O	O	O	O	O	O	O	O	PVI
155	RP40	2007-000070	O	O	X	X	O	O	X	X	DIS-X
156	RP41	2007-000070	O	O	X	X	O	O	X	X	DIS-X
157	RP42	2007-000070	O	O	X	X	O	O	X	X	DIS-X
158	RP43	2007-000070	O	O	X	X	O	O	X	X	DIS-X
159	RP44	2007-000070	O	O	X	X	O	O	X	X	DIS-X
160	RP45	2007-000070	O	O	X	X	O	O	X	X	DIS-X
161	RP46	2007-000070	O	O	X	X	O	O	X	X	DIS-X
162	RP47	2007-000070	O	O	X	X	O	O	X	X	DIS-X
163	RP48	2007-000070	O	O	X	X	O	O	X	X	DIS-X
164	RP49	2007-000070	O	O	X	X	O	O	X	X	DIS-X
165	RV01	2007-000078	O	O	O	O	O	O	O	O	PVI
166	RV02	2007-000763	O	O	O	O	O	O	O	O	PVI
167	RV03	2007-000078	O	O	O	O	O	O	O	O	PVI
168	RV04	2007-000763	O	O	O	O	O	O	O	O	PVI
169	RV05	2007-000763	O	O	O	O	O	O	O	O	PVI
170	RV06	2007-000097	O	O	O	O	O	O	O	O	PVI
171	RV07	2007-000097	O	O	O	O	O	O	O	O	PVI
172	RV08	2007-000082	X	X	X	X	X	X	X	X	EVF
173	RV09	2007-000082	X	X	X	X	X	X	X	X	EVF
174	RV12	2007-000102	X	X	X	X	X	X	X	X	EVF
175	RV14	2007-000124	X	X	X	X	X	X	X	X	EVF
176	RV15	2007-000078	X	X	X	X	X	X	X	X	EVF
177	RV16	2007-000078	O	O	O	O	O	O	O	O	PVI
178	RV17	2007-001693	O	O	O	O	O	O	O	O	LCD-O
179	RV18	2007-001693	O	O	O	O	O	O	O	O	LCD-O
180	RV19	2007-000029	X	X	X	X	X	X	X	X	EVF
181	RV20	2007-000029	X	X	X	X	X	X	X	X	EVF
182	RV21	2007-000029	X	X	X	X	X	X	X	X	EVF
183	RV22	2007-000029	O	O	O	O	O	O	O	O	PVI
184	RV23	2007-000070	O	O	O	O	O	O	O	O	PVI
185	RV24	2007-000070	O	O	O	X	O	O	O	O	EVF+PVI
186	RV25	2007-000070	X	X	X	O	X	X	X	X	CVF+PVI
187	RV26	2007-000073	X	X	X	O	X	X	X	X	CVF+PVI
188	SW601	3404-001034	O	O	O	O	O	O	O	O	SEC-EXP
189	SW602	3404-001034	O	O	O	O	O	O	O	O	SEC-EXP
190	SW603	3404-001034	O	O	O	O	O	O	O	O	SEC-EXP
191	SW604	3404-001083	X	X	X	X	X	X	X	X	SEC-EXP
192	SW605	3404-001083	X	X	X	X	X	X	X	X	SEC-EXP
193	SW606	3404-001034	O	O	O	O	O	O	O	O	SEC-EXP
194	SW607	3404-001034	O	O	O	O	O	O	O	O	SEC-EXP
195	T901	AD26-00025A	O	O	O	O	O	O	O	O	PVI
196	XP01	2801-003919	O	O	O	O	O	X	X	X	NTSC
		2801-003996	X	X	X	X	O	O	O	O	PAL

9-1 DC/DC Converter (Main)

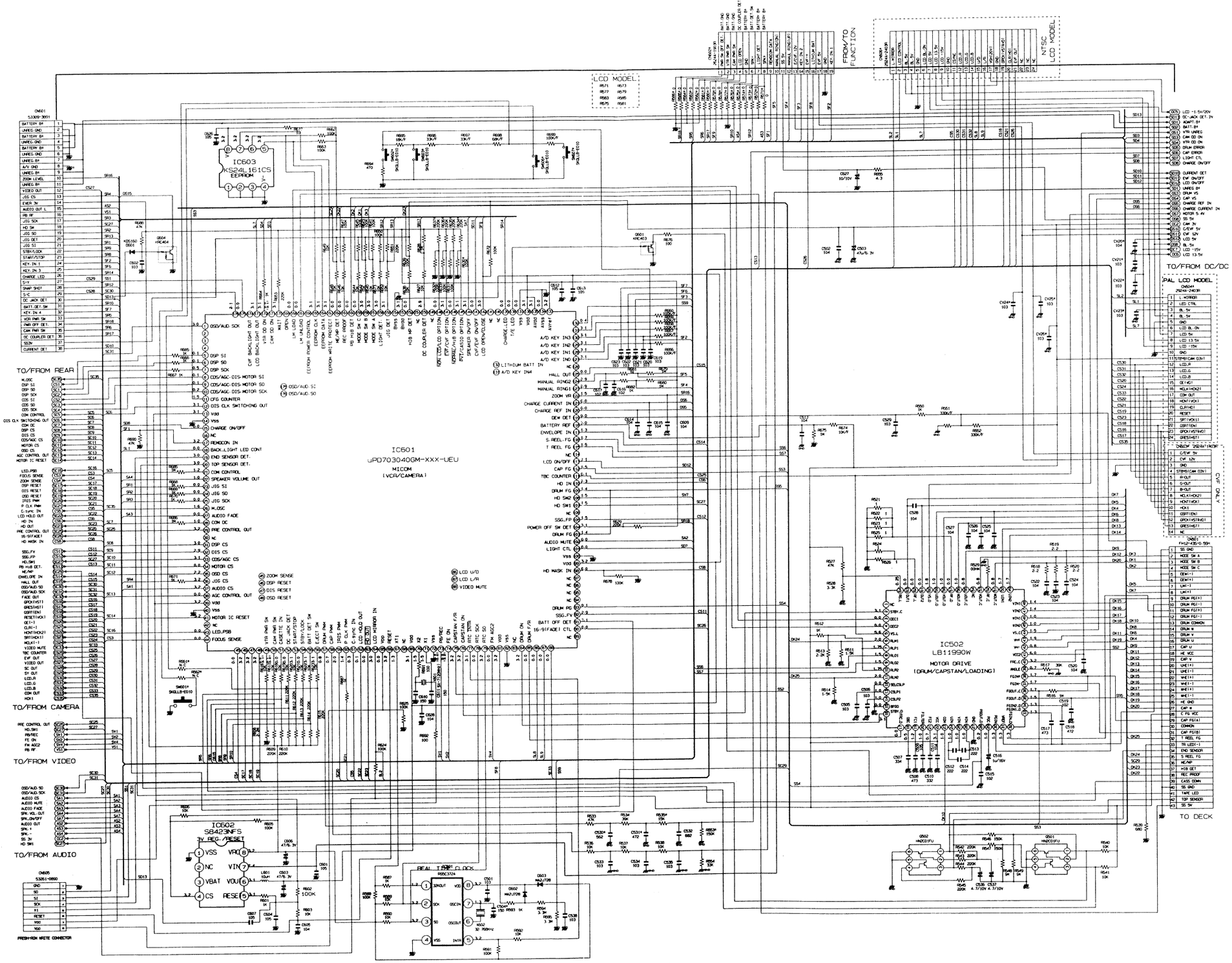


-2 System Control (Main)




FROM/TO FUNCTION
CN602* 2624A-1903R
PWR SW OFF DET.
VTR PWR SW
CAM PWR SW
LCD OPEN
GND
SPK-
SPK+
REMOCON DATA
MANUAL RING(IN)
SS 5V
MANUAL RING(UP)
E/CVF -12V
KEY IN-2
EVF-Y
LITHIUM BAT
EVF 5V
GND
KEY IN-1
BATT GND
BATT GND
BATT GND
DC COUPLER DET
BATTERY B+
BATT DET SW
BATTERY B+
BATTERY B+
NTSC LCD MODEL
CN606* 2624A-2403R
L-MIRROR
LED CONTROL
BL.5V
BL.5V
GND
LCD BL.ON
LCD 5V
LCD 13.5V
LCD -15V
GND
CSYNC
LCD.R
LCD.G
LCD.B
U/D
L/R
VGH(20V)
GND
GPDO(VST&VD1)
CLR(HD)
EVF OUT
NC
NC
NC
LCD MODEL
R671 R673
R677 R679
R683 R685
R675 R681
IC502
LB11990W
MOTOR DRIVE
(DRUM/CAPSTAN/LOADING)
TO/FROM DC/DC
PAL LCD MODEL
CN604* 2924A-2403R
L-MIRROR
LED CTRL
BL.5V
BL.5V
GND
LCD BL.ON
LCD 5V
LCD 13.5V
LCD -15V
GND
STBYB(CAM D3V)
LCD.R
LCD.G
LCD.B
OE(VD)
MCLK(HCK2)
COM OUT
HCNT(VCK)
CLR(HD)
RESET
SRT(VCK1)
GSRT(EN)
GPO(VST&VD)
GRES(HST)
CVF ONLY
CN603* 2924A-1403R
C/EVF 5V
CVF 12V
GND
STBYB(CAM D3V)
R-OUT
G-OUT
B-OUT
MCLK(HCK2)
HCNT(VCK)
HCK1
GSRT(EN)
GPO(VST&VD)
GRES(HST)
NC
CN601 FH12-43S-0.5SH
SS GND
MODE SW A
MODE SW B
MODE SW C
DEW(-)
DEW(+)
LM(-)
LM(+)
DRUM PG(+)
DRUM PG(-)
DRUM FG(+)
DRUM FG(-)
DRUM COMMON
DRUM W
DRUM V
DRUM U
CAP U
HE VCC
CAP V
UHE(+)
UHE(-)
VHE(+)
VHE(-)
WHE(+)
WHE(-)
HE GND
CAP W
C FG VCC
CAP FG(A)
COMMON
CAP FG(B)
T REEL FG
TR LED(-)
END SENSOR
S REEL FG
ME/MP
MIB DET
REC PROOF
CASS DOWN
SS GND
TAPE LED
TOP SENSOR
SS 5V
TO DECK
Q501 HN2C01FU
Q502 HN2C01FU
Q601 KRC403
SW607* SKQLLFE010

9-2 System Control (Main)



9-3 Audio (Main)

LOCN NO	MODEL	
	LIGHT O	LIGHT X
CN701	X	O
CN702	O	X

SPEAKER(LCD MODEL) OPTION

CN701*
2P 1.25MM
MIC IN 1
MIC GND 2
FROM/TO FRONT

CN702*
4P 1.25MM
MIC IN 1
MIC GND 2
LIGHT VCC 3
LIGHT GND 4
DA1
FROM/TO FRONT CN801

FROM/TO VIDEO
A/V. 3V DC2
A/V. 5V DV1
FSC CA1
SPK. V. OUT SA4
A_FADE SA3
PB. RF VS1
REC. AFM AV1
DC2
DV1
CA1
SA4
SA3
VS1
AV1

IC701
LA7458W

Q703
HN2C01FU
(UMX2)

Q701*
KSA1298

Q702*
KRC402

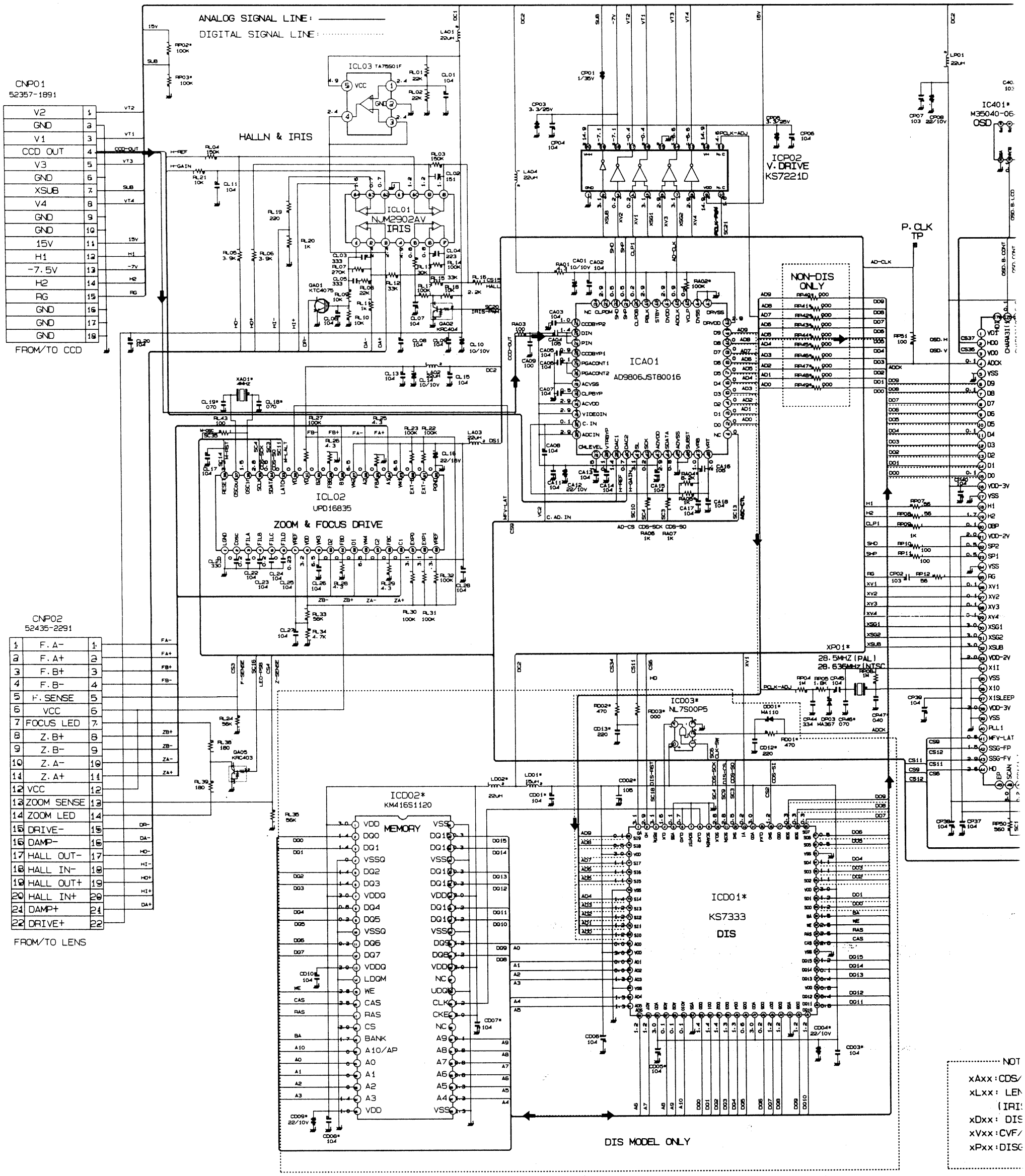
L702*
100uH

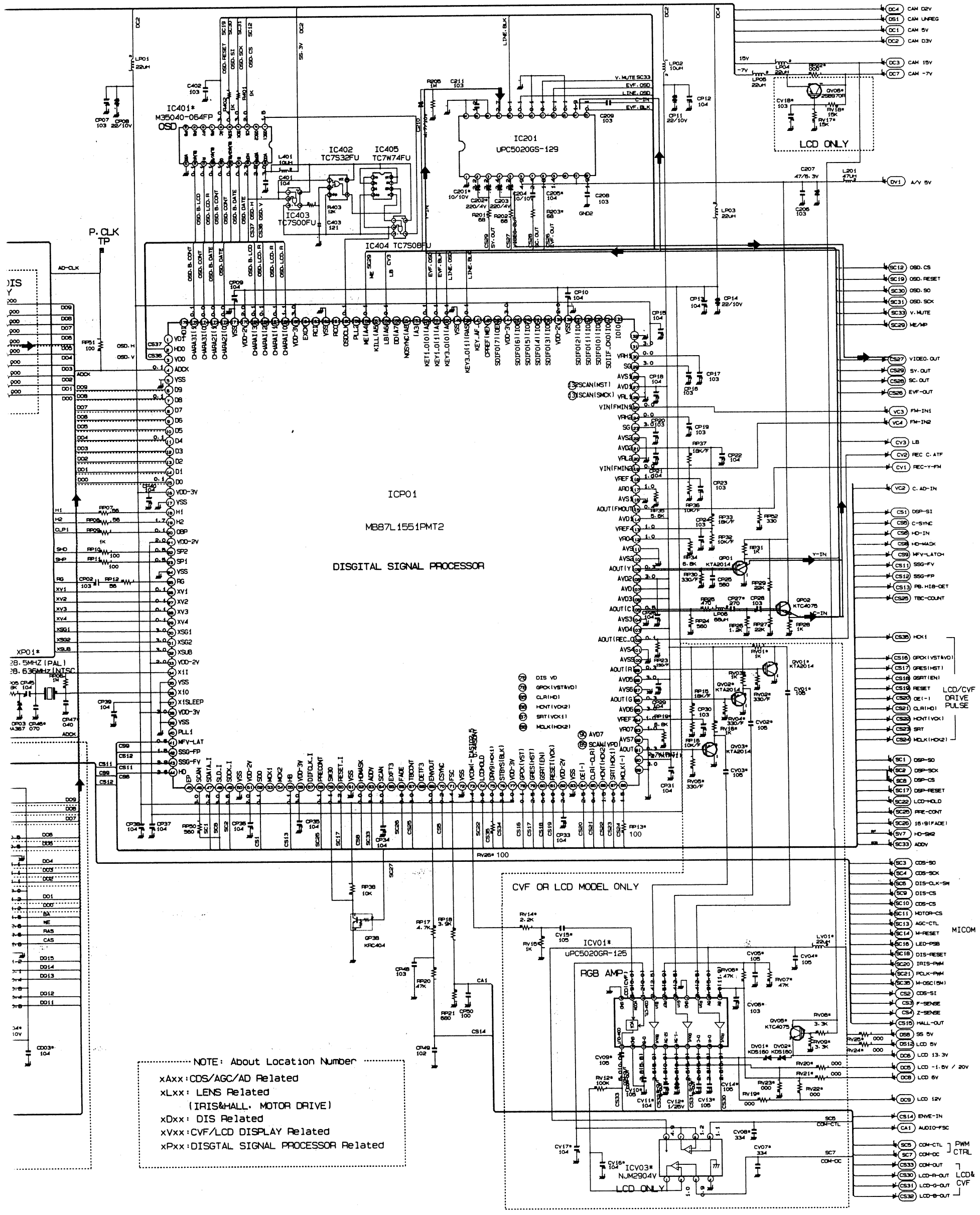
L701
10UH

D701 KDS160

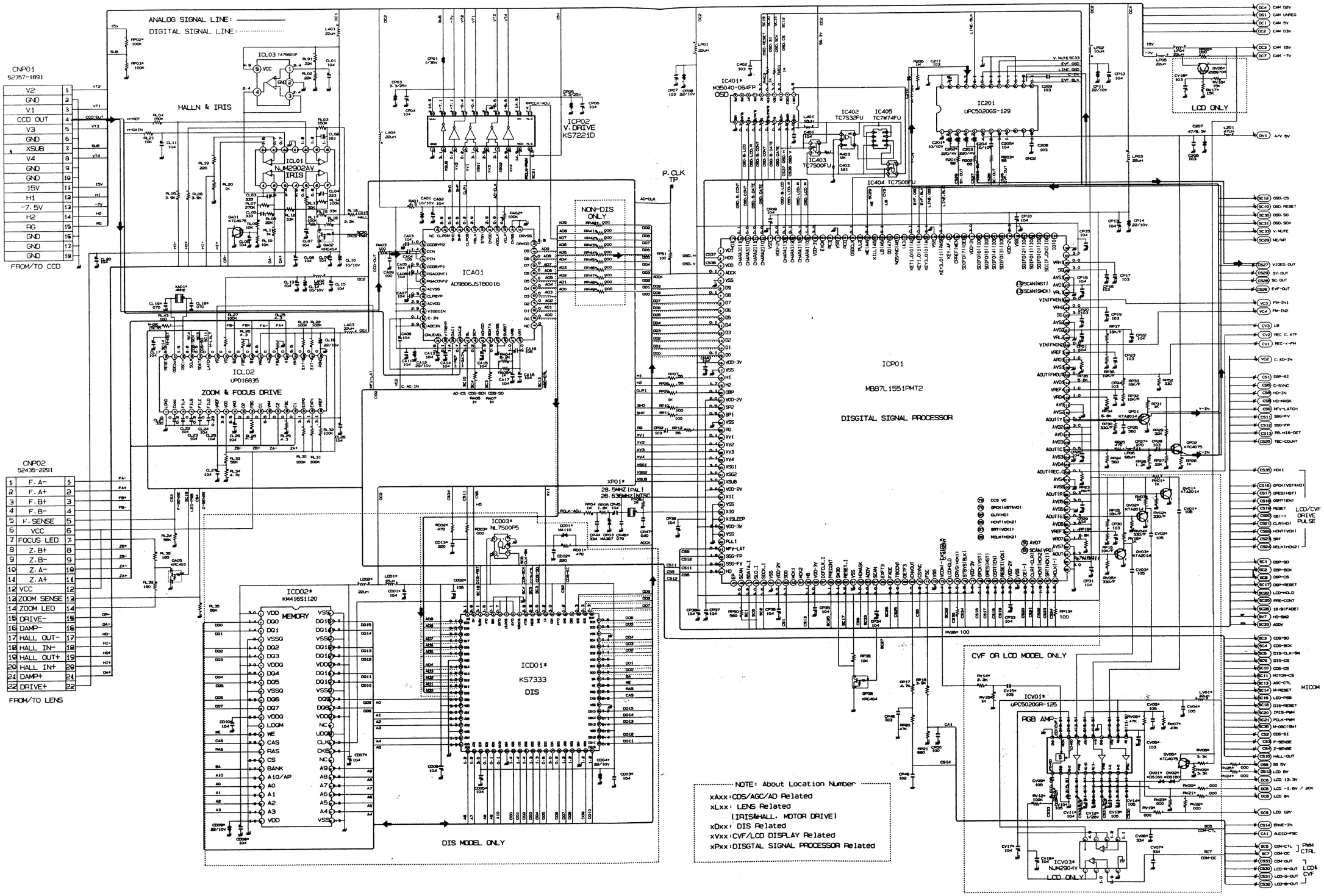
FROM/TO SYSCON
DS7 SPK VCC
AS3 SPK. +
AS4 SPK. -
SA7 SPK ON/OFF
SA2 A. MUTE
SC27 HD_SW
SA1 AUDIO_CS
SC31 A_SCK
SC30 AUD_SO
AS2 AUDIO OUT
DA1 LIGHT. VCC
AV1 REC AFM
VS1 PB RF
DC2 A/V3V
DV1 A/V5V
SA3 FADE CTL

9-4 Camera (Main)

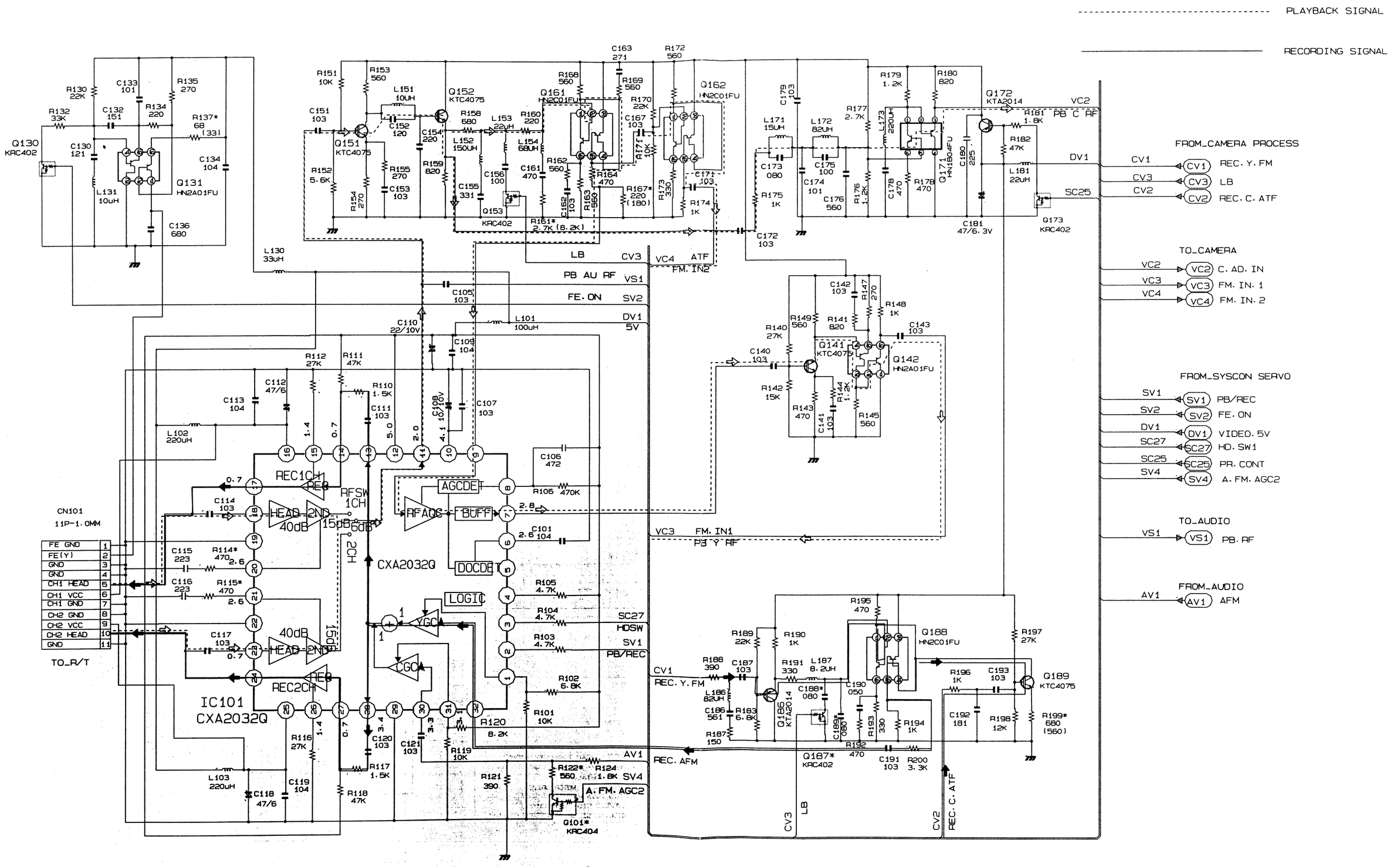



ICP01
MB87L1551PMT2
DISGITAL SIGNAL PROCESSOR
IC401*
M35040-064FP
OSD
IC402
TC7S32FU
IC405
TC7W74FU
IC403
TC7S00FU
IC404 TC7S08FU
IC201
UPC5020GS-129
LCD ONLY
P. CLK
TP
XP01*
28.5MHZ (PAL)
28.636MHZ (NTSC
CAM D2V
CAM UNREG
CAM 5V
CAM D3V
CAM 15V
CAM -7V
A/V 5V
OSD. CS
OSD. RESET
OSD. SO
OSD. SCK
V. MUTE
ME/MP
VIDEO. OUT
SY. OUT
SC. OUT
EVF-OUT
FM-IN1
FM-IN2
LB
REC C. ATF
REC-Y-FM
C. AD-IN
DSP-SI
C-SYNC
HD-IN
HD-MASK
MFV-LATCH
SSG-FV
SSG-FP
PB. HIB-DET
TBC-COUNT
HCK1
GPCK(VST&VD)
GRES(HST)
GSAT(EN)
RESET
OE(-)
CLR(HD)
HCNT(VCK)
SRT
MCLK(HCK2)
LCD/CVF DRIVE PULSE
DSP-SO
DSP-SCK
DSP-CS
DSP-RESET
LCD-HOLD
PRE-CONT
16:9(FADE)
HD-SW2
ADDV
CDS-SO
CDS-SCK
DIS-CLK-SM
DIS-CS
CDS-CS
MOTOR-CS
AGC-CTL
M-RESET
LED-PSB
DIS-RESET
IRIS-PWM
PCLK-PWM
M-OSC(5M)
CDS-SI
F-SENSE
Z-SENSE
HALL-OUT
MICOM
5S 5V
LCD 5V
LCD 13.3V
LCD -1.6V / 20V
LCD 6V
LCD 12V
ENVE-IN
AUDIO-FSC
COM-CTL
COM-DC
COM-OUT
LCD-R-OUT
LCD-G-OUT
LCD-B-OUT
PWM CTRL
LCD& CVF
CVF OR LCD MODEL ONLY
ICV01*
uPC5020GR-125
RGB AMP
ICV03*
NJM2904V
LCD ONLY
NOTE: About Location Number
xAxx:CDS/AGC/AD Related
xLxx: LENS Related
(IRIS&HALL. MOTOR DRIVE)
xDxx: DIS Related
xVxx:CVF/LCD DISPLAY Related
xPxx:DISGTAL SIGNAL PROCESSOR Related

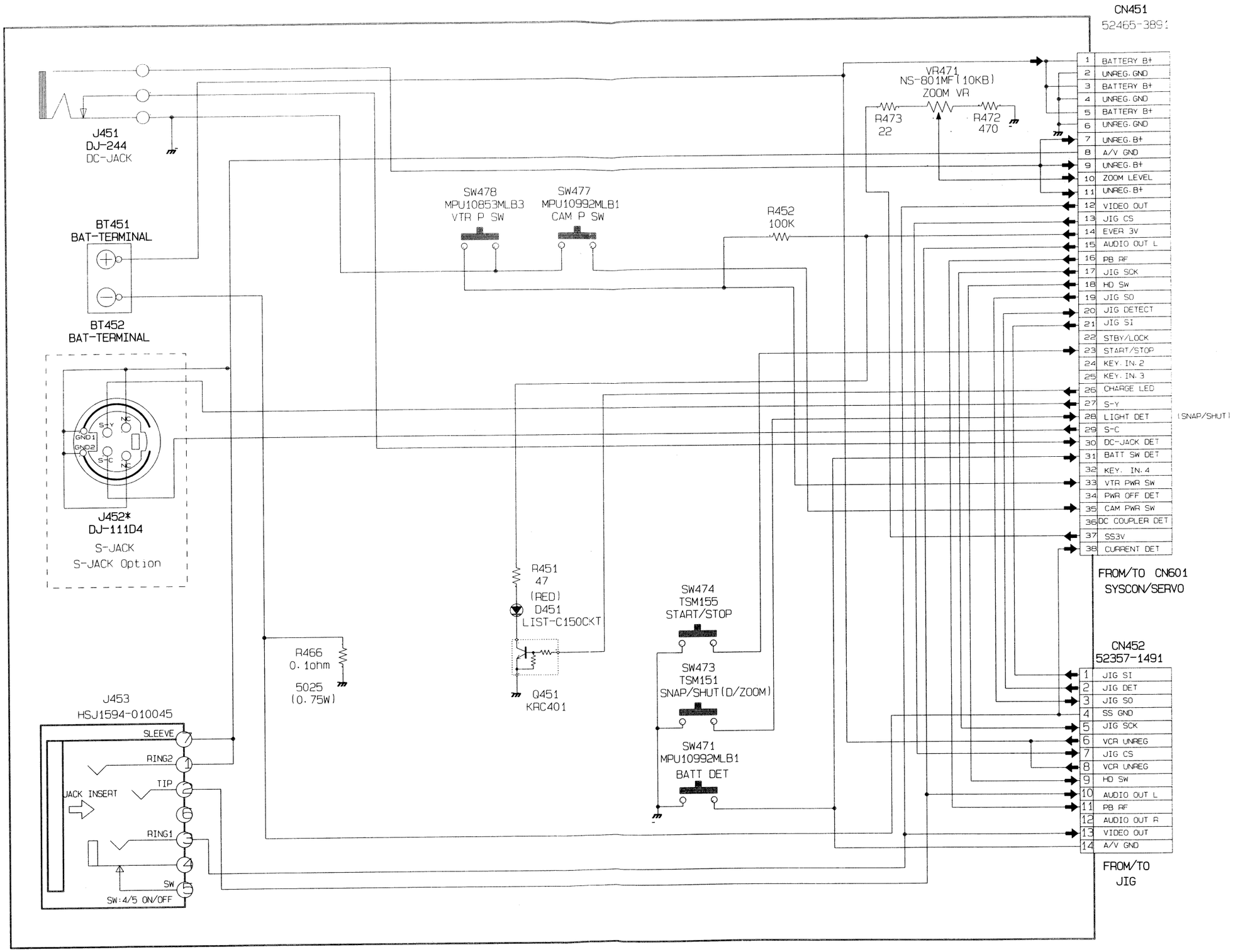
9-4 Camera (Main)



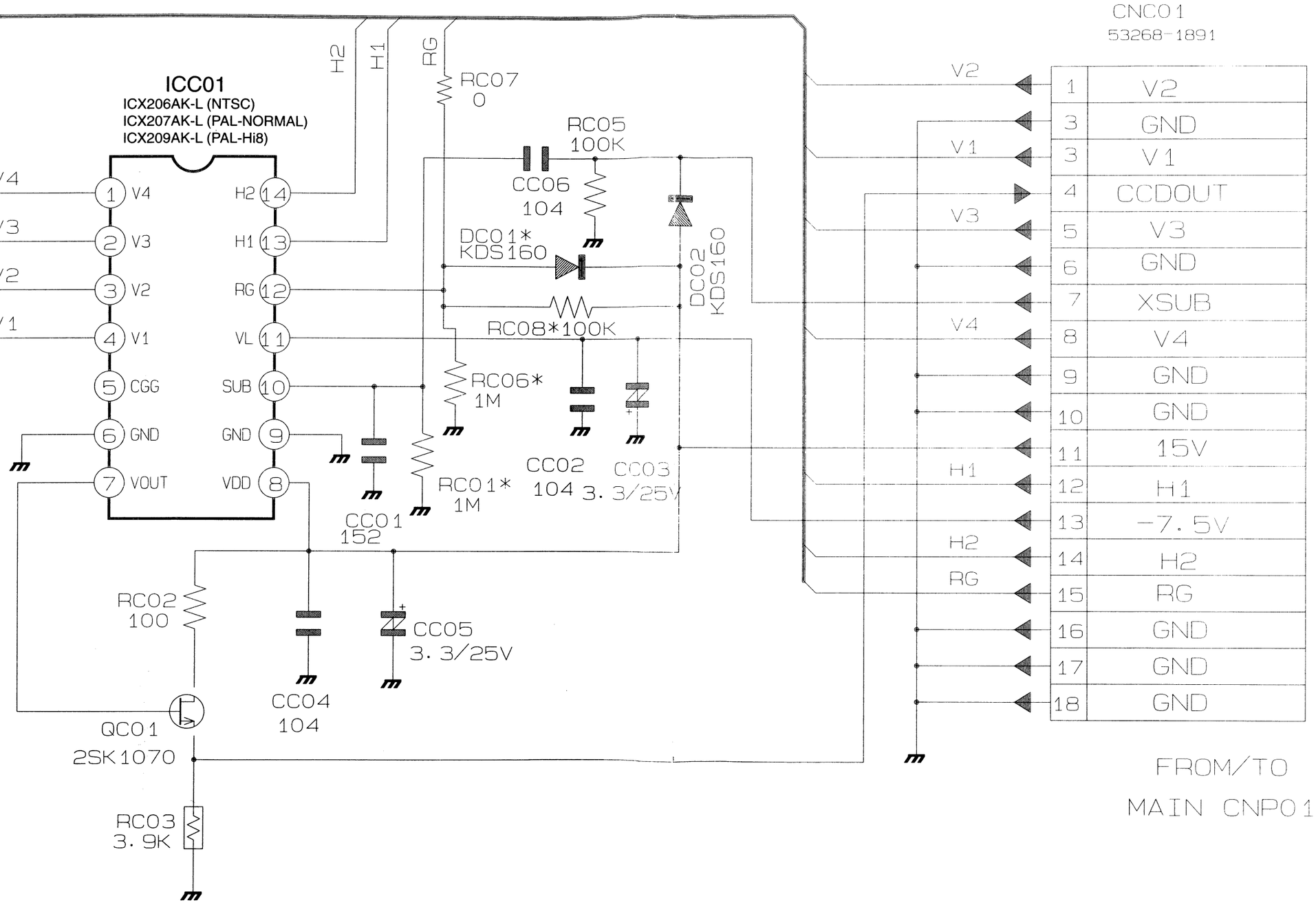
9-5 Pre-Amp (Main)



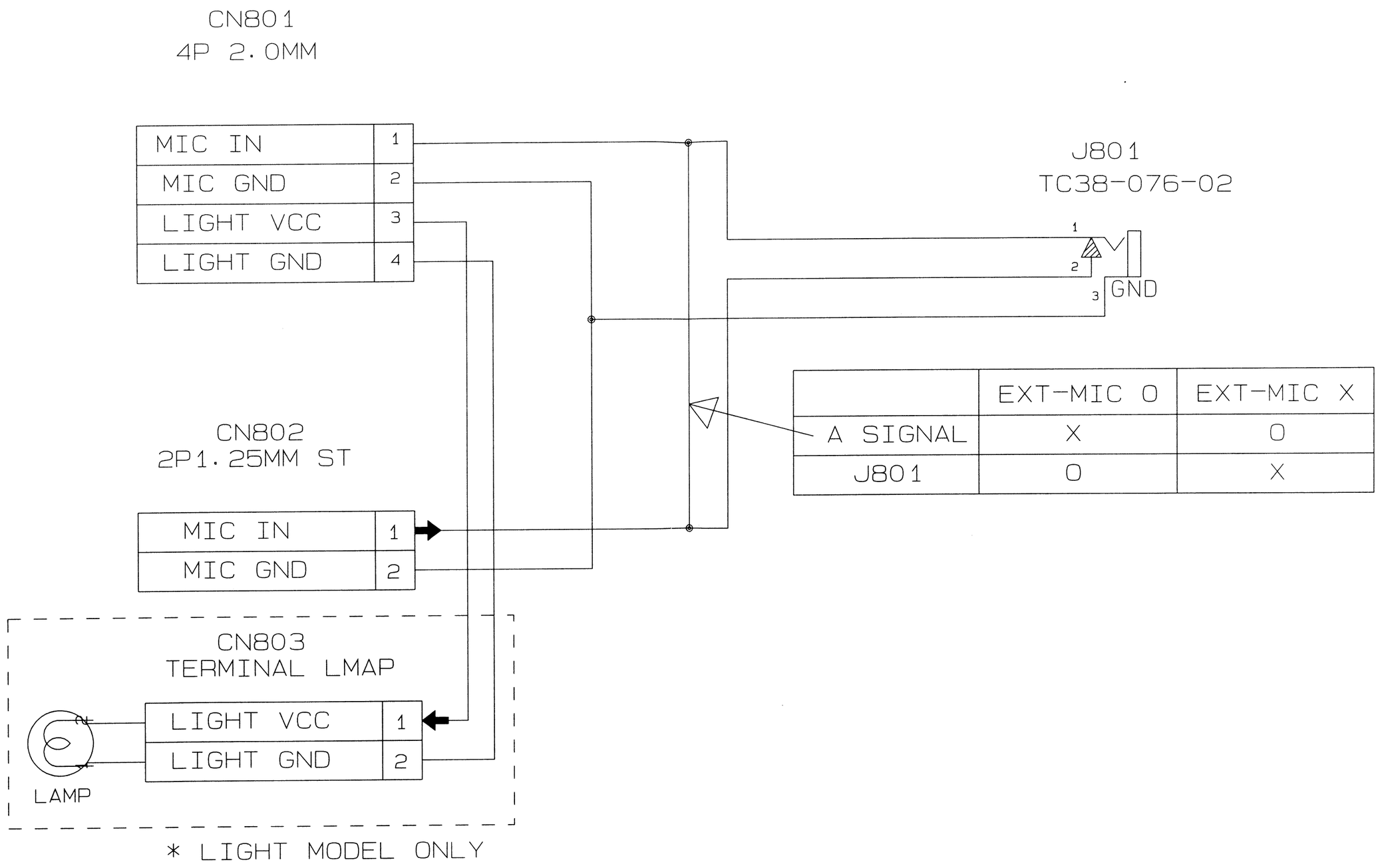
9-6 Rear


CN451
52465-3891
1 BATTERY B+
2 UNREG. GND
3 BATTERY B+
4 UNREG. GND
5 BATTERY B+
6 UNREG. GND
7 UNREG. B+
8 A/V GND
9 UNREG. B+
10 ZOOM LEVEL
11 UNREG. B+
12 VIDEO OUT
13 JIG CS
14 EVER 3V
15 AUDIO OUT L
16 PB RF
17 JIG SCK
18 HD Sw
19 JIG SO
20 JIG DETECT
21 JIG SI
22 STBY/LOCK
23 START/STOP
24 KEY. IN. 2
25 KEY. IN. 3
26 CHARGE LED
27 S-Y
28 LIGHT DET (SNAP/SHUT)
29 S-C
30 DC-JACK DET
31 BATT SW DET
32 KEY. IN. 4
33 VTR PWR SW
34 PWR OFF DET
35 CAM PWR SW
36 DC COUPLER DET
37 SS3V
38 CURRENT DET
FROM/TO CN601
SYSCON/SERVO
VR471
NS-801MF(10KB)
ZOOM VR
R473
22
R472
470
J451
DJ-244
DC-JACK
BT451
BAT-TERMINAL
BT452
BAT-TERMINAL
SW478
MPU10853MLB3
VTR P SW
SW477
MPU10992MLB1
CAM P SW
R452
100K
J452*
DJ-111D4
S-JACK
S-JACK Option
S-Y
NC
GND1
GND2
S-C
NC
R451
47
(RED)
D451
LIST-C150CKT
Q451
KRC401
R466
0.1ohm
5025
(0.75W)
SW474
TSM155
START/STOP
SW473
TSM151
SNAP/SHUT(D/ZOOM)
SW471
MPU10992MLB1
BATT DET
J453
HSJ1594-010045
SLEEVE
RING2
TIP
JACK INSERT
RING1
SW
SW:4/5 ON/OFF
CN452
52357-1491
1 JIG SI
2 JIG DET
3 JIG SO
4 SS GND
5 JIG SCK
6 VCR UNREG
7 JIG CS
8 VCR UNREG
9 HD SW
10 AUDIO OUT L
11 PB RF
12 AUDIO OUT R
13 VIDEO OUT
14 A/V GND
FROM/TO
JIG

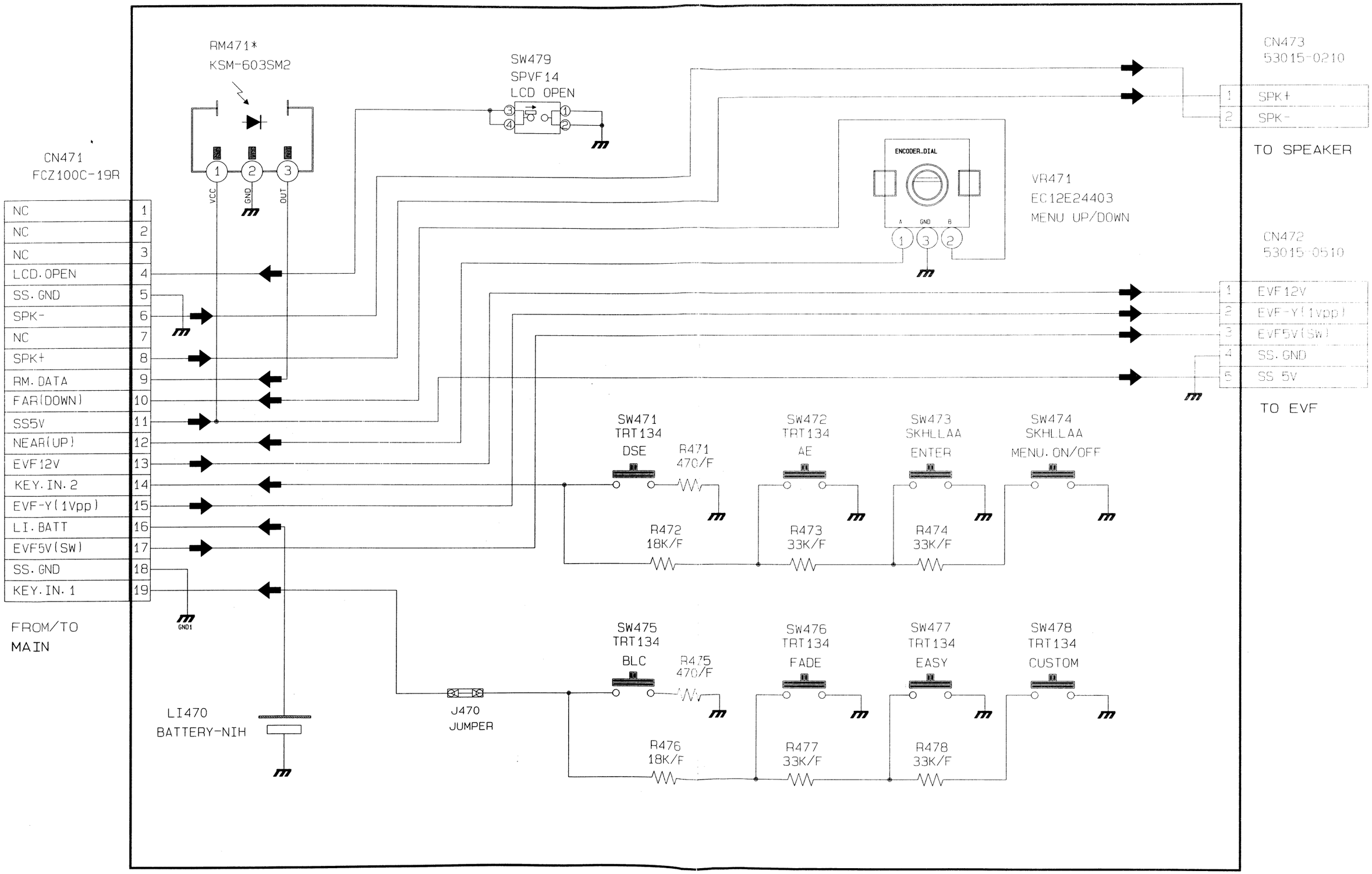
9-7 CCD


ICC01
ICX206AK-L (NTSC)
ICX207AK-L (PAL-NORMAL)
ICX209AK-L (PAL-Hi8)
V4
V3
V2
V1
CGG
GND
VOUT
H2
H1
RG
VL
SUB
GND
VDD
RC07
0
RC05
100K
CC06
104
DC01*
KDS160
DC02
KDS160
RC08*100K
RC06*
1M
RC01*
1M
CC01
152
CC02
104
CC03
3.3/25V
RC02
100
CC04
104
CC05
3.3/25V
QC01
2SK1070
RC03
3.9K
CNC01
53268-1891
1 V2
3 GND
3 V1
4 CCDOUT
5 V3
6 GND
7 XSUB
8 V4
9 GND
10 GND
11 15V
12 H1
13 -7.5V
14 H2
15 RG
16 GND
17 GND
18 GND
FROM/TO
MAIN CNP01

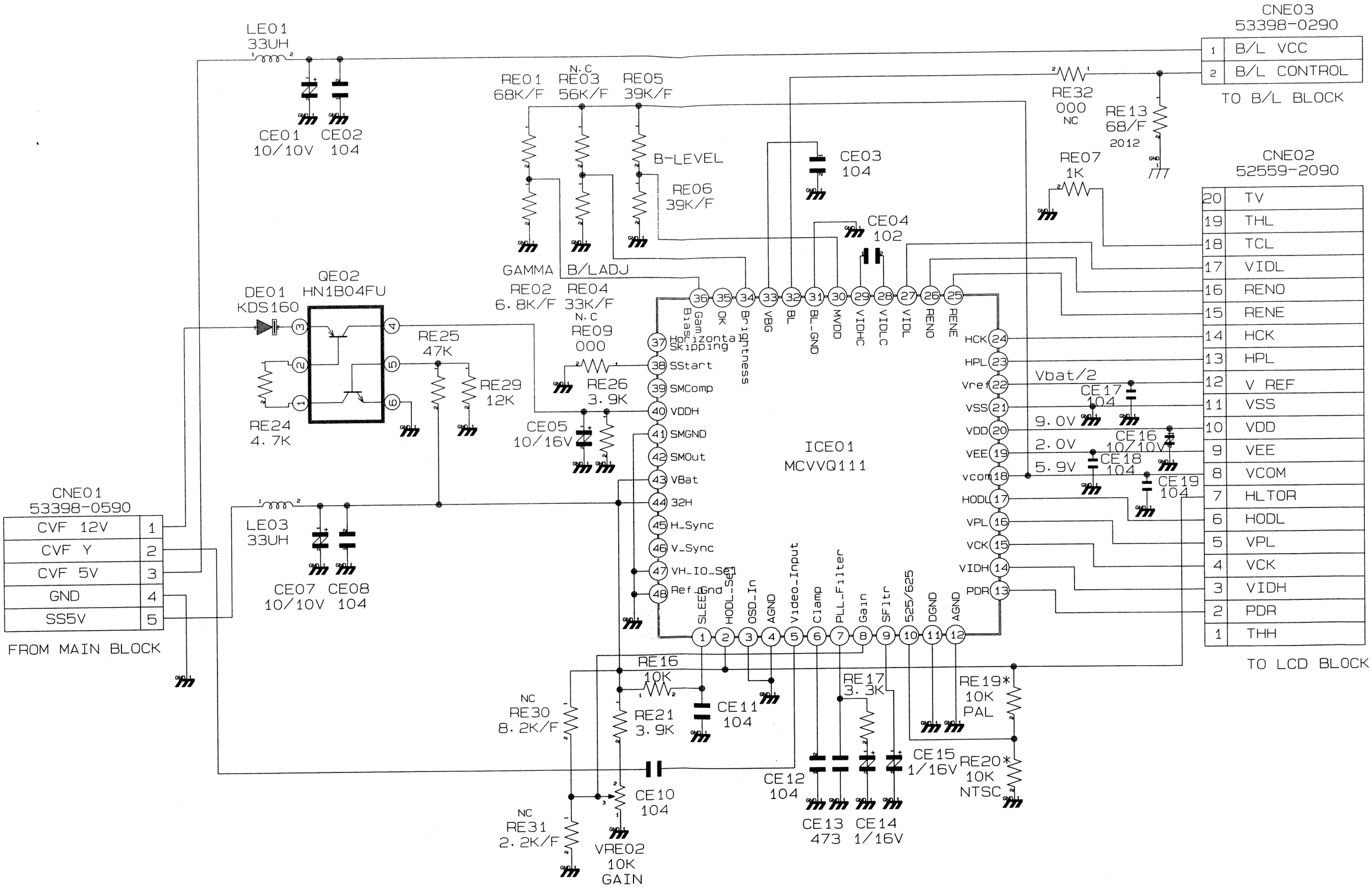
9-8 Front


CN801
4P 2.0MM
MIC IN 1
MIC GND 2
LIGHT VCC 3
LIGHT GND 4
J801
TC38-076-02
1
2
3 GND
EXT-MIC O
EXT-MIC X
A SIGNAL X O
J801 O X
CN802
2P1.25MM ST
MIC IN 1
MIC GND 2
CN803
TERMINAL LMAP
LIGHT VCC 1
LIGHT GND 2
LAMP
* LIGHT MODEL ONLY

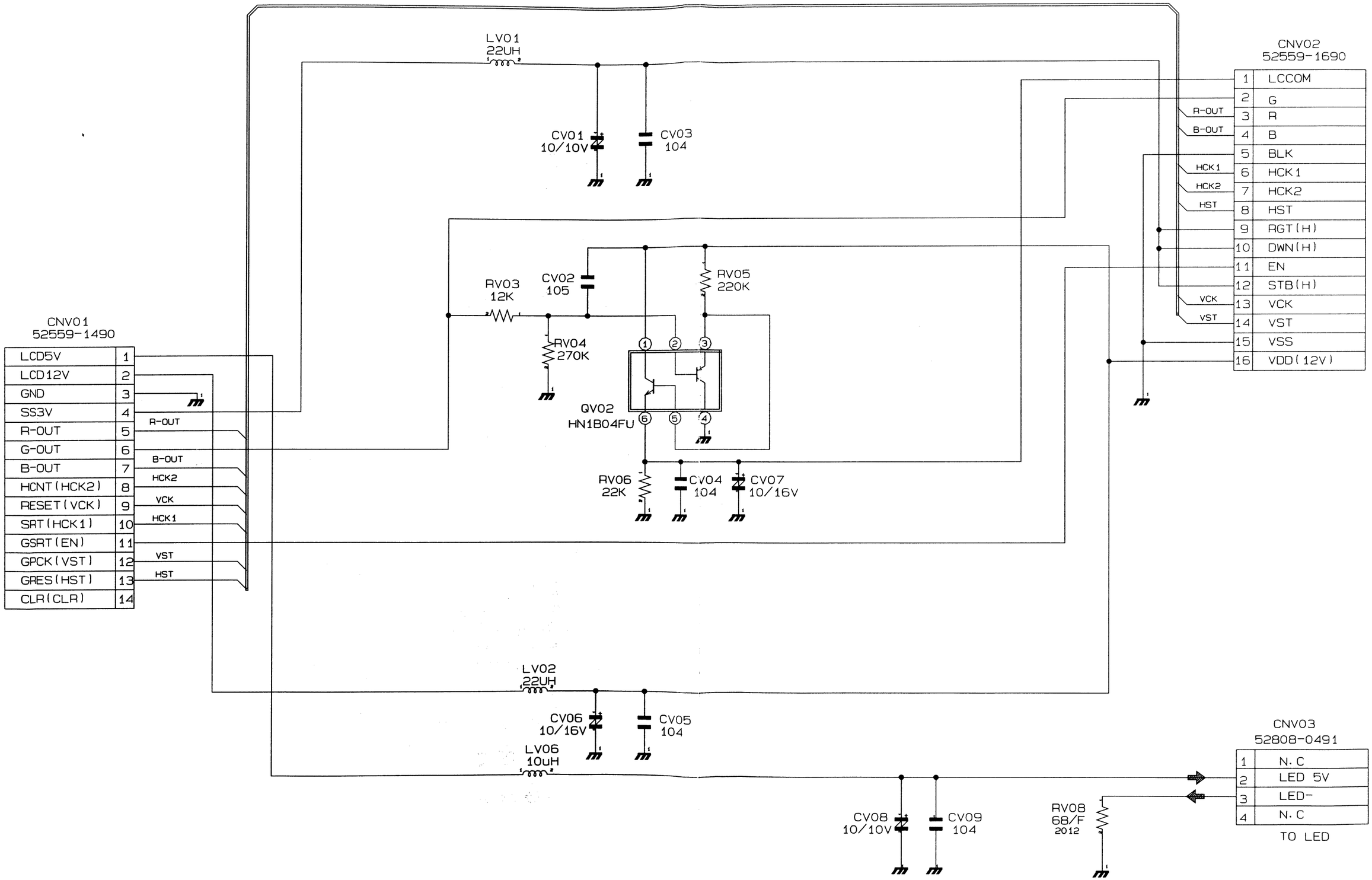
9-9 Function


RM471*
KSM-603SM2
VCC
GND
OUT
SW479
SPVF14
LCD OPEN
CN471
FCZ100C-19R
NC 1
NC 2
NC 3
LCD.OPEN 4
SS.GND 5
SPK- 6
NC 7
SPK+ 8
RM.DATA 9
FAR(DOWN) 10
SS5V 11
NEAR(UP) 12
EVF12V 13
KEY.IN.2 14
EVF-Y(1Vpp) 15
LI.BATT 16
EVF5V(SW) 17
SS.GND 18
KEY.IN.1 19
FROM/TO
MAIN
GND1
LI470
BATTERY-NIH
J470
JUMPER
ENCODER_DIAL
A GND B
VR471
EC12E24403
MENU UP/DOWN
CN473
53015-0210
1 SPK+
2 SPK-
TO SPEAKER
CN472
53015-0510
1 EVF12V
2 EVF-Y(1vpp)
3 EVF5V(SW)
4 SS.GND
5 SS 5V
TO EVF
SW471
TRT134
DSE
R471
470/F
R472
18K/F
SW472
TRT134
AE
R473
33K/F
SW473
SKHLLAA
ENTER
R474
33K/F
SW474
SKHLLAA
MENU.ON/OFF
SW475
TRT134
BLC
R475
470/F
R476
18K/F
SW476
TRT134
FADE
R477
33K/F
SW477
TRT134
EASY
R478
33K/F
SW478
TRT134
CUSTOM

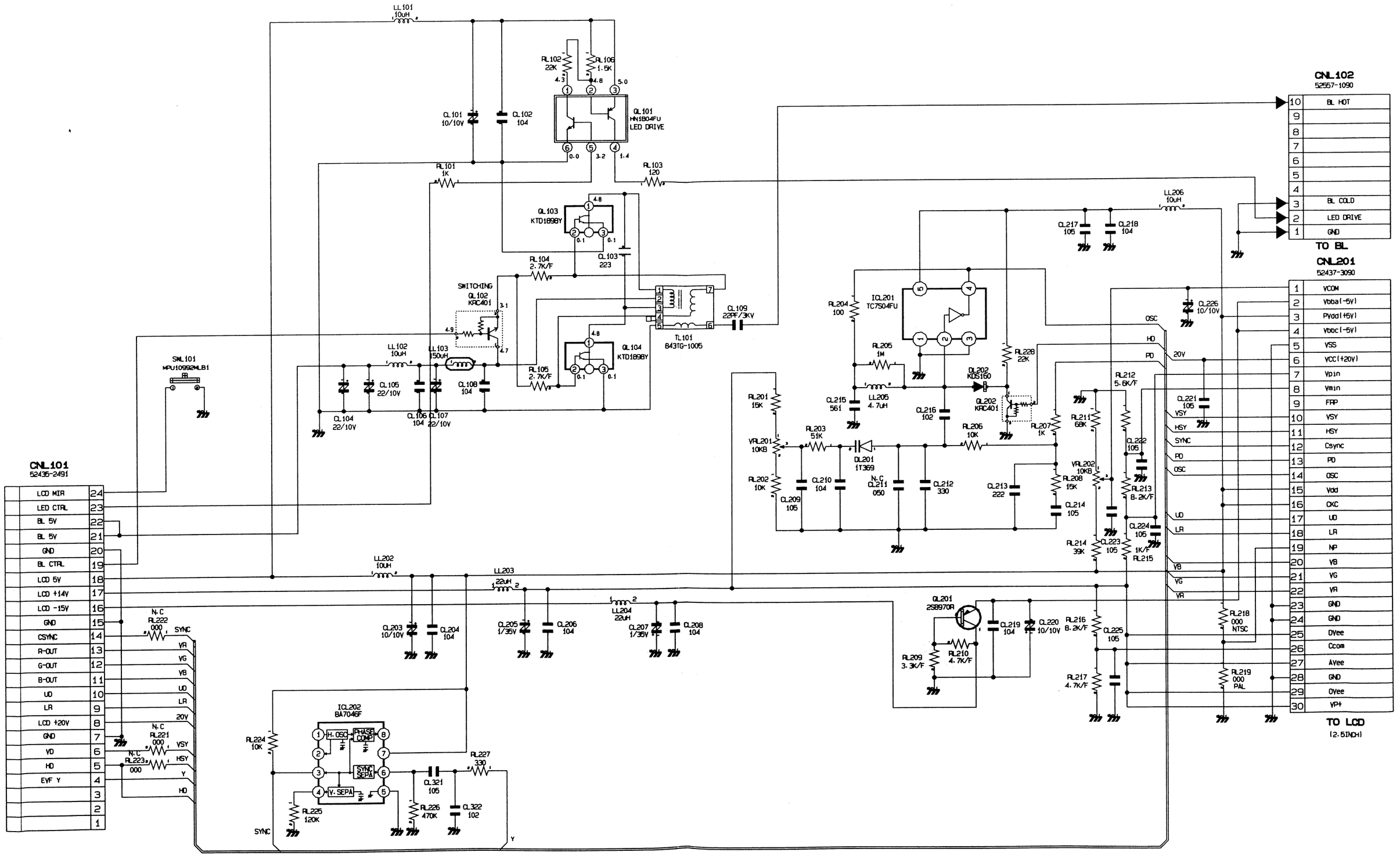
9-10 EVF


LE01
33UH
CE01 CE02
10/10V 104
RE01 RE03 RE05
68K/F 56K/F 39K/F
N.C
B-LEVEL
RE06
39K/F
GAMMA B/LADJ
RE02 RE04
6.8K/F 33K/F
N.C
CE03
104
CE04
102
RE32
000
NC
RE13
68/F
2012
RE07
1K
CNE03
53398-0290
1 B/L VCC
2 B/L CONTROL
TO B/L BLOCK
CNE02
52559-2090
20 TV
19 THL
18 TCL
17 VIDL
16 RENO
15 RENE
14 HCK
13 HPL
12 V REF
11 VSS
10 VDD
9 VEE
8 VCOM
7 HLTOR
6 HODL
5 VPL
4 VCK
3 VIDH
2 PDR
1 THH
TO LCD BLOCK
QE02
DE01 HN1B04FU
KDS160
RE25
47K
RE29
12K
RE24
4.7K
RE09
000
RE26
3.9K
CE05
10/16V
Horizonta Skipping
SStart
SMComp
VDDH
SMGND
SMOut
VBat
32H
H_Sync
V_Sync
VH_IO_Sel
Ref_Gnd
Gam Bias
OK
Brightness
VBG
BL
BL-GND
MVDD
VIDHC
VIDLC
VIDL
RENO
RENE
HCK
HPL
Vref
VSS
VDD
VEE
vcom
HODL
VPL
VCK
VIDH
PDR
ICE01
MCVVQ111
SLEEP
HODL_Sel
OSD_In
AGND
Video_Input
Clamp
PLL_Filter
Gain
SFltr
525/625
DGND
AGND
Vbat/2
CE17
104
9.0V
2.0V
5.9V
CE16
10/10V
CE18
104
CE19
104
CNE01
53398-0590
CVF 12V 1
CVF Y 2
CVF 5V 3
GND 4
SS5V 5
FROM MAIN BLOCK
LE03
33UH
CE07 CE08
10/10V 104
RE16
10K
NC
RE30
8.2K/F
RE21
3.9K
CE11
104
CE10
104
NC
RE31
2.2K/F
VRE02
10K
GAIN
RE17
3.3K
CE12
104
CE13 CE14
473 1/16V
CE15
1/16V
RE19*
10K
PAL
RE20*
10K
NTSC

9-11 CVF


LV01
22UH
CV01
10/10V
CV03
104
CNV02
52559-1690
1 LCCOM
2 G
3 R
4 B
5 BLK
6 HCK1
7 HCK2
8 HST
9 RGT(H)
10 DWN(H)
11 EN
12 STB(H)
13 VCK
14 VST
15 VSS
16 VDD(12V)
R-OUT
B-OUT
HCK1
HCK2
HST
VCK
VST
RV03
12K
CV02
105
RV05
220K
RV04
270K
QV02
HN1B04FU
RV06
22K
CV04
104
CV07
10/16V
CNV01
52559-1490
LCD5V 1
LCD12V 2
GND 3
SS3V 4
R-OUT 5
G-OUT 6
B-OUT 7
HCNT(HCK2) 8
RESET(VCK) 9
SRT(HCK1) 10
GSRT(EN) 11
GPCK(VST) 12
GRES(HST) 13
CLR(CLR) 14
LV02
22UH
CV06
10/16V
CV05
104
LV06
10uH
CV08
10/10V
CV09
104
RV08
68/F
2012
CNV03
52808-0491
1 N.C
2 LED 5V
3 LED-
4 N.C
TO LED

9-12 LCD (NTSC Models)



9-13 LCD (PAL Models)